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INTRODUCTION

This publication is designed to serve as a ready reference for persons interested in current statistical information on British Columbia's Agriculture and Food industry. While the British Columbia Ministry of Agriculture and Food has issued detailed annual statistics reports since 1911, they have been infrequent in recent years with the last one published in 1979.

Thanks are extended to the Agriculture Statistics Division of Statistics Canada for providing most of the data contained in this publication. Appreciation is also extended to Agriculture Canada, other divisions within Statistics Canada, various government agencies, producer organizations and agribusiness firms for making information available. Special acknowledgment is warranted for the British Columbia Ministry of Agriculture and Food, Field Crops and Apiculture Branches for providing additional text and data in their specialty areas.

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Comments or suggestions for the improvement of this publication are most welcome.

November 1982

A.B. Lauder, Director
Economics Branch
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of Agriculture and Food

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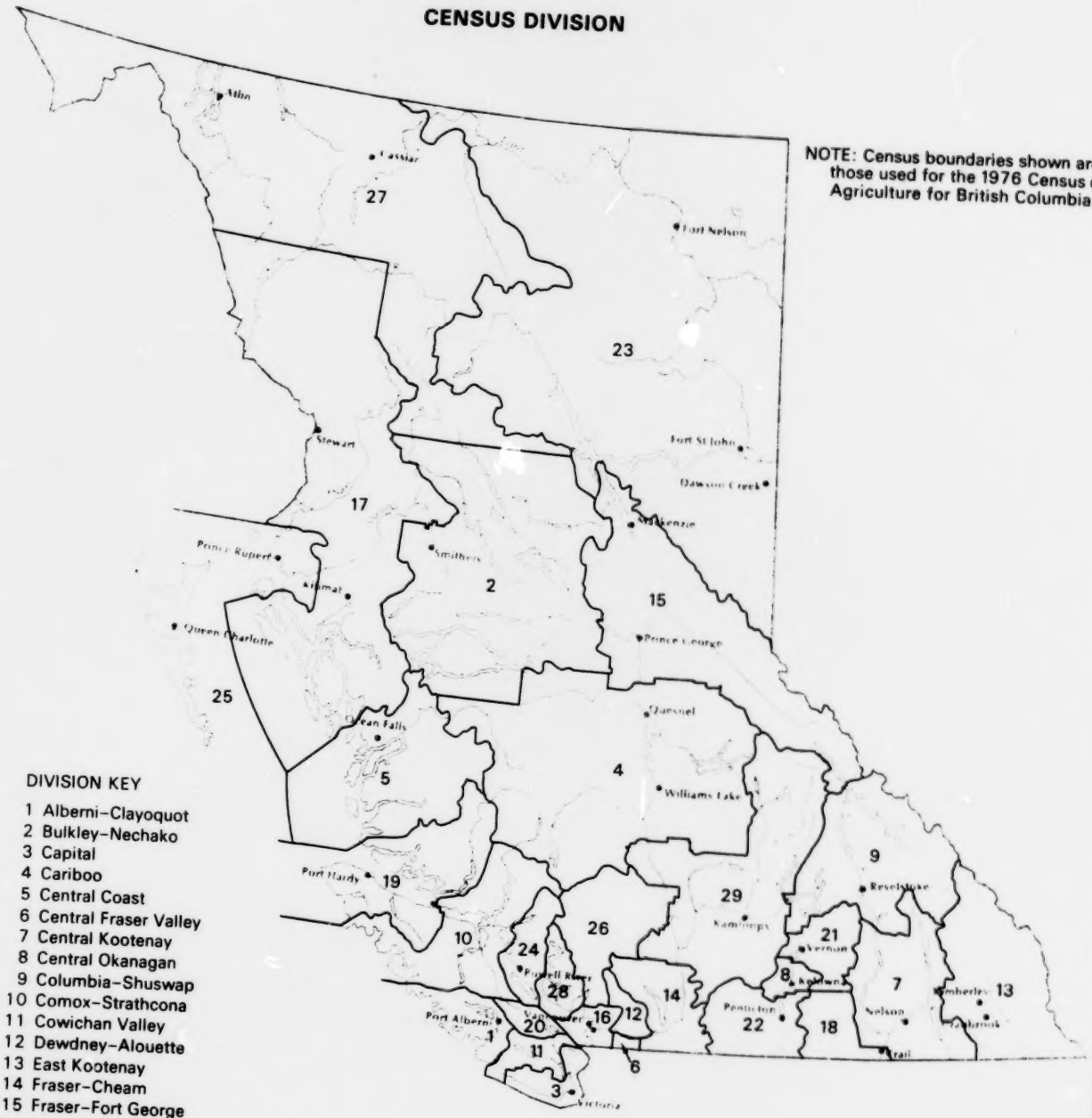
B.C. AGRICULTURAL REPORTING REGIONS

Maps drawn and produced by:
Map Production, Surveys and Mapping Branch, Ministry of Environment, Victoria, B.C.

CENSUS DIVISION



NOTE: Census boundaries shown are those used for the 1976 Census of Agriculture for British Columbia.

DIVISION KEY

1 Alberni–Clayoquot
2 Bulkley–Nechako
3 Capital
4 Cariboo
5 Central Coast
6 Central Fraser Valley
7 Central Kootenay
8 Central Okanagan
9 Columbia–Shuswap
10 Comox–Strathcona
11 Cowichan Valley
12 Dewdney–Alouette
13 East Kootenay
14 Fraser–Cheam
15 Fraser–Fort George
16 Greater Vancouver
17 Kitimat–Stikine
18 Kootenay Boundary
19 Mount Waddington
20 Nanaimo
21 North Okanagan
22 Okanagan–Similkameen
23 Peace River–Liard
24 Powell River
25 Skeena–Queen Charlotte
26 Squamish–Lillooet
27 Stikine
28 Sunshine Coast
29 Thompson–Nicola

Maps drawn and produced by:
Map Production, Surveys and Mapping Branch, Ministry of Environment, Victoria, B.C.

IMPORTANCE OF AGRICULTURE

Agriculture is an industry of primary basic importance to British Columbia. Food and agriculture are highly diversified and make a very significant contribution to the province's economic activity. The Canadian Agriculture Economics Research Council estimates 22.8 percent of British Columbia's economic activity is generated directly or indirectly by agriculture.

During 1981, farm cash receipts amounted to over $854 million, manufactured food shipments had an estimated value of $2.6 billion and retail food store sales exceeded $3 billion.

Total direct employment in the British Columbia food and agriculture industry is estimated at 64,000. This includes 7,000 in the farm supply sector; 20,000 farmers, 5,000 farm workers; 19,000 employees in food processing; 5,000 people involved in transportation, inspection, grading, government agencies, producer organizations and related employment; as well as 8,000 in food retailing.

British Columbia farmers supply approximately half of provincial food consumption from less than five percent of the land area. A goal of 65 percent has been set, with each percentage point increase improving provincial balance of payments and enhancing general economic development. Studies have shown that investment in agriculture has a greater economic impact than investment in most other industries.

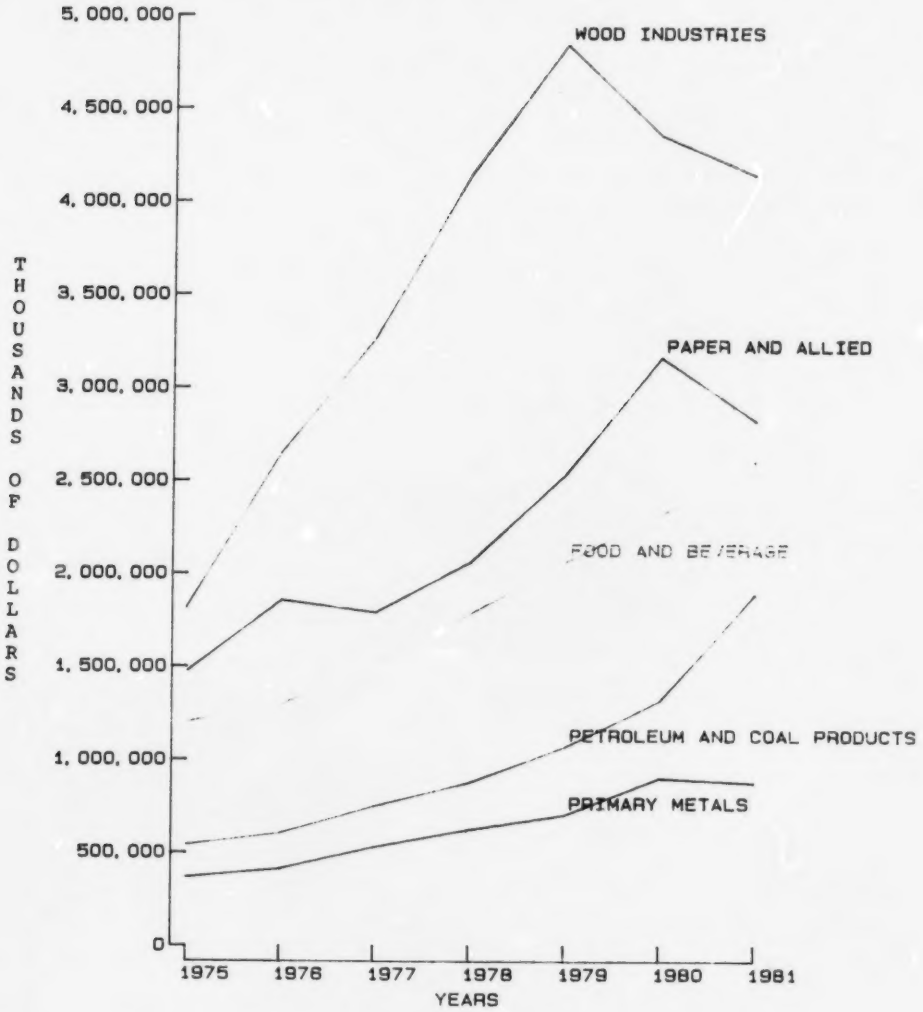
While agriculture does not usually capture bold headlines, it is a renewable resource industry affecting the livelihood of many thousands of British Columbians. It provides a source of income and a supply of top quality food for the province's citizens.

RELATIVE IMPORTANCE OF B.C. INDUSTRIES - 1981

	District Employment	Value of Wholesale Sales billion $
Forest Based	98,000	7.0
Mining Based	28,000	3.2
Agriculture & Food	42,000	2.6
Tourism*	65,000	2.2

* retail sales

VALUE OF MANUFACTURING SHIPMENTS



Source: Statistics Canada, Catalogue 31-203.

FARM INCOME

Farm Cash Receipts

British Columbia farm cash receipts in 1981 totalled $854.0 million, an increase of 12.2 per cent over the 761.4 million received in 1980.

The increase was largely due to increased returns from livestock. Cash receipts from the sale of livestock and livestock products amounted to $524.2 million in 1981, an increase of 11.2 per cent over the 471.3 million received in 1980. The largest gains were registered in sales of hogs and eggs which rose 44.8 per cent and 23.8 per cent respectively, due to much improved prices. Dairy products continued to return the highest percentage of total livestock receipts, accounting to 37.3er cent of the 524.2 million. The only decline in livestock receipts occurred in cattle sales which fell 2.8 per cent to 101.8 million, down from the all-time high of $104.7 million received in 1980.

Sales of crop products amounted to $294.2 million in 1981, an increase of 7.3 per cent over the $274.1 million received in 1980. The receipts from wheat almost doubled in 1981, reaching 25 million, up from the 13 million received in 1980. Rapeseed dropped in 1981, halting the 3 year climb in rapeseed receipts. Vegetables prices were up in 1981, largely due to the short supply. Potatoes and vegetables cash receipts increased 77.5 per cent and 11.7 per cent respectively.

Payments under the British Columbia Farm Income Assurance Program amounted to 20.9 million in 1981, up from the 5.2 million paid out in 1980. Increases were also shown in amounts received by farmers in dairy supplementary payments and in deficiency payments.

FARM CASH RECEIPTS, BRITISH COLUMBIA

1970 to 1975

	1970	1971	1972	1973	1974	1975
			$'000			
Wheat	4 496	5 684	5 048	4 754	6 501	2 474
Oats	1 183	1 606	1 743	2 175	2 916	5 760
Barley	4 081	5 211	3 931	6 145	14 106	9 766
Flaxseed	23	16	0	0	0	0
Canola (Rapeseed)	177	382	702	1 440	5 116	3 775
Potatoes	5 869	4 934	6 061	11 723	12 877	10 756
Fruit	31 913	28 485	32 364	48 015	46 087	39 946
Vegetables	12 620	12 772	12 962	16 705	18 436	22 359
Floriculture/Nursery	0	0	0	9 451	12 281	18 622
Other Crops	13 331	11 256	12 290	15 099	14 013	13 113
F.I.A.	0	1 264	1 116	484	839	735
TOTAL CROPS	**73 693**	**71 610**	**76 217**	**115 991**	**133 172**	**127 306**
Cattle	29 101	29 478	38 207	55 886	54 150	61 120
Calves	7 399	7 341	12 468	12 789	8 033	9 281
Hogs	4 458	5 139	5 302	6 312	8 632	11 389
Sheeps & Lambs	572	469	455	554	538	669
Dairy Products	50 665	53 263	57 907	68 684	92 154	102 915
Poultry	19 975	22 907	24 392	39 049	41 993	36 789
Eggs	22 367	22 543	24 230	32 082	37 684	35 192
Other Livestock & Products	5 669	5 398	6 770	8 282	8 826	9 655
TOTAL LIVESTOCK & PRODUCTS	**140 206**	**147 038**	**169 731**	**223 638**	**252 010**	**267 010**
Forest Products	2 435	2 717	3 180	3 190	2 850	3 997
Dairy Supplementary Pay'ts	387	290	329	604	4 937	8 093
Deficiency Payments	41	23	1 018	603	69	175
Supplementary Payments	829	240	53	3 794	15 552	16 395
TOTAL CASH RECEIPTS	**217 591**	**221 918**	**250 528**	**347 820**	**408 590**	**422 976**

Note: Floriculture and nursery sales were included with other crops prior to 1973. Flaxseed sales are included with other crops following 1971.

Source: Statistics Canada, 21-001

FARM CASH RECEIPTS (con't.)

1976 to 1981

	1976	1977	1978	1979	1980	1981
			$'000			
Wheat	5 345	5 044	4 796	6 350	12 964	25 095
Oats	2 660	2 818	1 733	1 225	1 930	3 419
Barley	11 357	8 243	7 052	7 759	17 312	14 104
C.W.B. Payments Etc.	729	1 480	2 335	5 121	2 500	4 362
Canola (Rapeseed)	3 295	4 311	10 207	14 454	17 669	6 063
Potatoes	12 909	12 419	11 950	8 860	9 980	17 715
Fruit	46 636	61 452	79 370	82 307	92 773	88 879
Vegetables	20 622	24 711	31 957	37 838	44 667	49 886
Floriculture and Nursery	23 598	26 629	30 700	37 719	40 725	46 548
Forage Seeds	2 302	4 883	2 311	3 000	2 954	2 954
Other Crops	15 294	24 406	23 542	24 116	30 637	35 212
TOTAL CROPS	**144 747**	**176 396**	**205 953**	**228 749**	**274 111**	**294 237**
Cattle	61 843	57 431	77 922	91 905	104 770	101 821
Calves	12 282	11 466	16 753	23 245	17 306	17 709
Hogs	11 345	12 918	17 822	20 171	30 612	44 327
Sheep and Lambs	570	769	951	1 641	1 875	1 960
Dairy Products	107 722	116 495	125 090	145 583	174 181	195 681
Poultry	45 206	45 838	54 108	69 777	66 263	82 016
Eggs	39 241	39 536	40 718	46 239	53 686	60 364
Honey	1 832	2 996	3 687	3 860	3 862	5 034
Other Livestock & Products	10 043	11 025	13 153	17 463	18 731	15 309
TOTAL LIVESTOCK & PRODUCTS	**290 084**	**298 474**	**350 204**	**419 884**	**471 286**	**524 222**
Forest Products	3 609	2 466	2 079	2 406	2 651	2 247
Dairy Supplementary Pay'ts	7 618	8 411	7 855	7 100	7 883	9 440
Deficiency Payments	7 312	3 624	2 176	7	204	2 947
Farm Income Insurance	31 840	32 665	17 519	3 885	5 231	20 956
TOTAL CASH RECEIPTS	**485 210**	**522 036**	**585 786**	**662 031**	**761 366**	**854 049**

Source: Statistics Canada, Catalogue 21-001

Provincial Share of Total Farm Cash Receipts by Commodity

1981

	P E I	N S	N B	Que	Ont	Man	Sask	Alta	B C	Canada[a]	Total
					- percent -						$'000
Wheat[b]	*	*	*	0.2	3.0	10.6	59.3	26.2	0.6	100.0	4,405,841
Oats[b]	1.8	0.5	2.8	12.4	4.7	11.8	16.7	43.5	5.8	100.0	58,809
Barley[b]	0.3	*	0.1	0.6	1.6	16.1	29.1	50.7	1.5	100.0	919,380
Crop Insurance Payments	0.4	0.1	0.2	4.1	12.9	10.0	54.2	16.1	1.9	100.0	169,661
Western Grain Stabilization payments	-	-	-	-	-	-	-	-	-	-	-
Net cash advances and deferred receipts[c]	-	-	-	-	-	33.9	-87.9	-48.0	2.0	-100.0	-56,316
Rye	-	-	-	-	1.5	21.9	37.6	39.0	-	100.0	75,545
Flaxseed	-	-	-	-	-	56.4	30.9	12.7	-	100.0	126,691
Rapeseed	-	-	-	-	-	12.6	39.6	46.8	1.0	100.0	592,646
Soybeans	-	-	-	-	100.0	-	-	-	-	100.0	163,810
Corn	-	-	-	7.2	90.0	2.8	-	-	-	100.0	384,436
Sugar beets	-	-	-	4.6	-	36.6	-	58.8	-	100.0	60,356
Potatoes	26.0	0.8	18.8	15.6	14.7	10.7	1.0	6.5	5.8	100.0	304,289
Fruits	0.3	7.6	2.1	10.0	40.2	-	-	-	39.7	100.0	223,794
Vegetables	0.8	1.5	1.5	21.3	56.0	2.0	-	3.9	13.0	100.0	383,998
Floriculture and nursery	0.8	3.3	1.5	11.2	54.6	2.0	1.1	9.0	16.5	100.0	282,748
Tobacco	[d]	[d]	[d]	4.9	95.1	-	-	-	-	100.0	380,641
Other crops	3.0	1.1	1.6	9.4	42.5	16.5	8.5	9.0	8.6	100.0	445,448
Total crops	1.2	0.5	0.9	3.4	19.5	10.9	36.8	23.6	3.3	100.0	8,921,777
Cattle	0.5	0.7	0.6	5.9	33.3	7.8	12.0	36.0	3.2	100.0	3,182,803
Calves	0.1	0.4	0.5	24.1	30.3	11.0	19.2	9.4	5.2	100.0	341,784
Hogs	1.4	1.7	0.9	35.4	32.4	8.5	4.9	12.0	2.7	100.0	1,626,843
Sheep and lambs	0.6	4.9	2.2	7.1	39.9	3.3	11.6	22.9	7.5	100.0	26,256
Dairy products	1.1	2.6	1.6	39.0	33.9	3.6	2.5	7.3	8.2	100.0	2,373,918
Poultry	*	3.2	2.4	29.2	35.9	5.4	3.1	10.2	10.5	100.0	784,613
Eggs	0.6	4.1	2.3	18.2	38.5	9.8	4.0	9.2	13.4	100.0	451,736
Other livestock	1.0	6.0	1.6	14.7	28.8	12.2	7.9	16.2	11.6	100.0	176,070
Total livestock & products	0.8	1.9	1.2	23.5	33.6	6.9	7.2	19.0	5.8	100.0	8,964,023
Forest and maple products	0.4	4.0	4.5	70.9	16.1	0.3	0.4	1.1	2.4	100.0	92,298
Provincial Income Stabilization Programs	-	-	-	20.7	13.1	11.9	7.4	5.2	41.7	100.0	50,281
Dairy supplementary payments	1.8	1.4	1.1	48.1	32.1	3.7	2.5	6.1	3.4	100.0	281,132
Deficiency payments[e]	3.9	1.4	3.3	36.3	29.4	8.6	4.8	10.5	1.9	100.0	131,933
Supplementary Payments[f]	-	-	-	-	32.0	13.6	34.5	19.6	0.3	100.0	156,512
TOTAL CASH RECEIPTS	1.0	1.2	1.1	14.4	26.6	8.8	21.5	20.8	4.6	100.0	18,597,956

[a]Excludes Newfoundland.

[b]Includes participation payments made by the Canadian Wheat Board or the Ontario Wheat Producers' Marketing Board direct to producers of crops delivered in previous years.

[c]Includes C.W.B. cash advances minus C.W.B. cash advance repayments together with the liquidated deferred grain receipts of 1980 minus receipts of grain shipped in 1981 for which payment is deferred to 1982.

[d]Receipts from the sale of tobacco are included with "other crops."

[e]Payments made under the authority of the Agricultural Stabilization Act.

[f]Includes payments made under various acts in force in the respective provinces -- see S.C. 21-001 for further explanations.

*Represents less than 0.1%.

Source: Statistics Canada, Catalogue No. 21-001, 1981 and Economics Branch, Ontario Ministry of Agriculture and Food.

Commodity Share of Farm Cash Receipts for Canada and the Provinces

1981

	P E I	N S	N B	Que	Ont	Man	Sask	Alta	B C	Canada[a]
					- percent -					
Wheat[b]	0.2	0.4	0.2	0.3	2.7	28.5	65.4	29.8	2.9	23.7
Oats[b]	0.6	0.1	0.8	0.3	0.1	0.4	0.2	0.7	0.4	0.3
Barley[b]	1.4	0.1	0.3	0.2	0.3	9.0	6.7	12.0	1.7	4.9
Crop Insurance Payments	0.4	0.1	0.2	0.3	0.4	1.0	2.3	0.7	0.4	0.9
Western Grain Stabilization payments	-	-	-	-	-	-	-	-	-	-
Net cash advances and deferred receipts[c]	-	-	-	-	-	1.2	-1.2	-0.7	0.1	-0.3
Rye	-	-	-	-	*	1.0	0.7	0.8	-	0.4
Flaxseed	-	-	-	-	-	4.3	1.0	0.4	-	0.7
Rapeseed	-	-	-	-	-	4.5	5.9	7.2	0.7	3.2
Soybeans	-	-	-	-	3.3	-	-	-	-	0.9
Corn	-	-	-	1.0	7.0	0.7	-	-	-	2.1
Sugar beets	-	-	-	0.1	-	1.3	-	0.9	-	0.3
Potatoes	43.0	1.1	28.9	1.8	0.9	2.0	0.1	0.5	2.1	1.6
Fruits	0.4	7.8	2.4	0.8	1.8	-	-	-	10.4	1.2
Vegetables	1.7	2.6	2.8	3.1	4.3	0.5	-	0.4	5.8	2.1
Floriculture and Nursery	1.2	4.2	2.2	1.2	3.1	0.3	0.1	0.7	5.5	1.5
Tobacco	d	d	d	0.7	7.3	-	-	-	-	2.0
Other crops	7.3	2.2	3.5	1.6	3.8	4.5	0.9	1.0	4.5	2.4
Total crops	56.0	18.6	41.4	11.3	35.1	59.2	82.0	54.3	34.5	48.0
Cattle	9.0	9.7	9.3	7.0	21.4	15.2	9.6	29.6	11.9	17.1
Calves	0.2	0.6	0.8	3.1	2.1	2.3	1.6	0.8	2.1	1.8
Hogs	12.1	13.0	7.0	21.6	10.6	8.4	2.0	5.0	5.2	8.7
Sheep and lambs	0.1	0.6	0.3	0.1	0.2	0.1	0.1	0.2	0.2	0.1
Dairy products	14.4	28.6	19.1	34.7	16.3	5.3	1.5	4.5	22.9	12.8
Poultry	0.1	11.5	9.6	8.6	5.7	2.6	0.6	2.1	9.6	4.2
Eggs	1.4	8.4	5.2	3.1	3.5	2.7	0.5	1.1	7.1	2.4
Other livestock	0.9	4.8	1.5	1.0	1.0	1.3	0.3	0.7	2.4	0.9
Total livestock & products	38.4	77.1	52.8	79.0	60.8	37.8	16.2	44.0	61.4	48.2
Forest and maple products	0.2	1.7	2.1	2.4	0.3	*	*	*	0.3	0.5
Provincial Income Stabilization Program	-	-	-	0.4	0.1	0.4	0.1	0.1	2.5	0.3
Dairy supplementary payments	2.7	1.8	1.5	5.1	1.8	0.6	0.2	0.4	1.1	1.5
Deficiency payments[e]	2.8	0.9	2.2	1.8	0.8	0.7	0.2	0.4	0.3	0.7
Supplementary Payments[f]	-	-	-	-	1.0	1.3	1.3	0.8	0.1	0.8
TOTAL CASH RECEIPTS	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL CASH RECEIPTS ($'000)

P E I	N S	N B	Que	Ont	Man	Sask	Alta	B C	Canada[a]
184,189	218,849	196,365	2,670,968	4,951,666	1,645,387	3,998,230	3,876,253	854,049	18,597,956

[a]Excludes Newfoundland.

[b]Includes participation payments made by the Canadian Wheat Board or the Ontario Wheat Producers' Marketing Board direct to producers of crops delivered in previous years.

[c]Includes C.W.B. cash advances minus C.W.B. cash advance repayments together with the liquidated deferred grain receipts of 1980 minus receipts of grain shipped in 1981 for which payment is deferred to 1982.

[d]Receipts from the sale of tobacco are included with "other crops."

[e]Payments made under the authority of the Agricultural Stabilization Act.

[f]Includes payments made under various acts in force in the respective provinces -- see S.C. 21-001 for further explanations.

*Represents less than 0.1%.

Source: Statistics Canada, Catalogue No. 21-001, 1981, and Economics Branch, Ontario Ministry of Agriculture and Food.

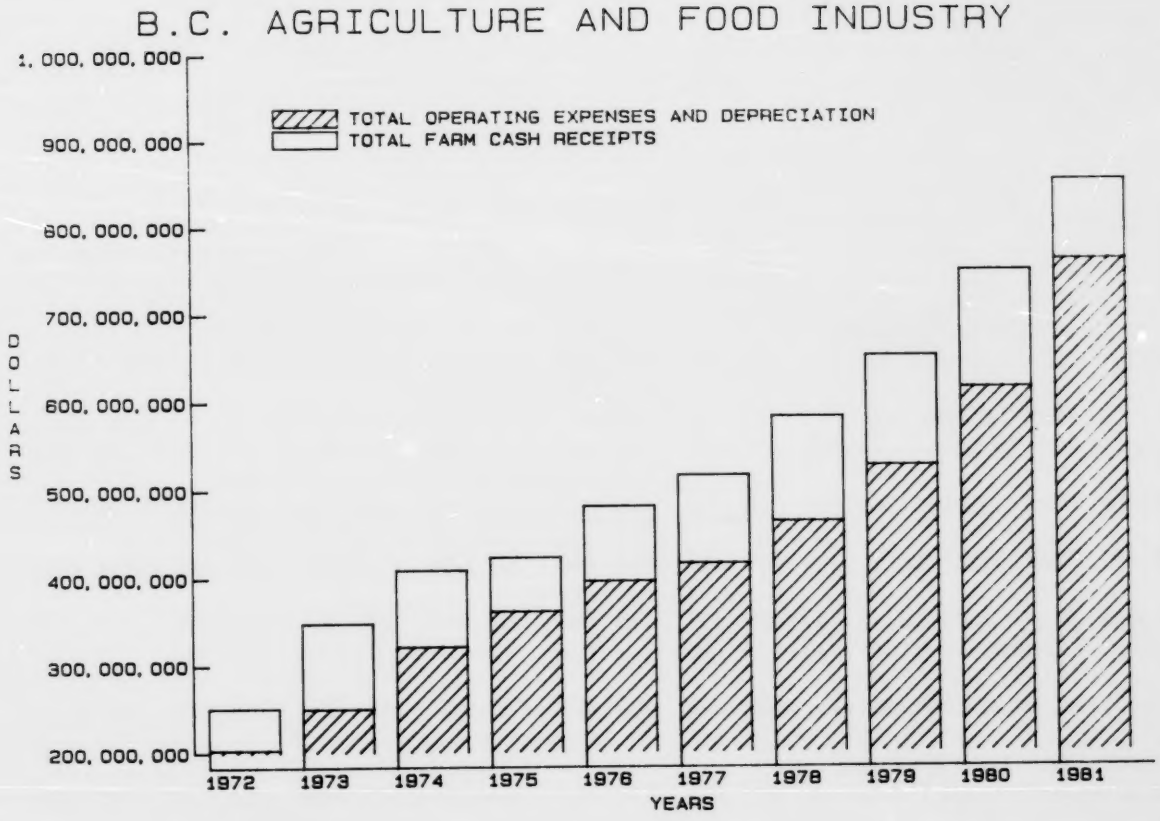
FARM OPERATING EXPENSES

Total farm operating expenses and depreciation charges in B.C. increased by 23.8 per cent to 762.3 million in 1981. With record high interest rates last year, interest on indebtedness rose 66.4 per cent to 189.9 million during 1981. The Partial Interest Reimbursement program paid farmers 12.5 million, partly reducing these high interest charges. Substantial increases occurred in the price of electricity and telephone, machinery expenses, and miscellaneous items. Feed prices declined for the first time since 1977, dropping 11.4 per cent, with decreases also occurring in other livestock and crop expenses.

FARM OPERATING EXPENSES AND DEPRECIATION CHARGES (B.C.)
1976 - 1981

	1976	1977	1978	1979	1980	1981
	$000					
Taxes on owned farmland.....	11 852	14 047	9 599	9 488	10 117	11 832
Gross Farm Rent.....	8 703	9 745	10 697	11 391	12 957	14 669
Wages to Farm Labour.....	57 335	66 606	67 965	71 919	77 067	93 652
Interest on Indebtedness....	43 810	49 247	62 524	93 137	114 096	189 873
Machinery Expenses.....	38 288	42 422	42 854	52 942	60 154	83 824
Fertilizer & Limestone.....	14 402	14 357	21 678	19 300	22 413	27 547
Other Crop Expenses.....	17 903	18 467	23 229	23 954	30 127	29 685
Feed.....	103 033	91 730	93 358	101 666	129 522	127 394
Other Livestock Expenses....	5 905	5 764	17 718	20 920	19 479	17 267
Repairs to Buildings.....	8 359	9 520	9 099	9 763	10 193	10 630
Electricity & Tel.....	8 195	9 710	11 820	10 859	11 575	16 518
Miscellaneous.....	29 872	31 772	33 865	33 223	38 849	48 050
TOTAL OPERATING EXPENSES....	**347 657**	**363 687**	**404 406**	**458 562**	**536 549**	**670 941**
Depreciation on Buildings...	15 321	16 121	18 699	21 280	25 248	29 344
Depreciation on Machinery...	32 980	36 240	40 991	46 693	53 877	61 998
TOTAL OPERATING EXPENSES AND DEPRECIATION CHARGES....	**395 958**	**416 048**	**464 096**	**526 535**	**615 674**	**762 283**

Source: Statistics Canada, Catalogue 21-202



Source: Statistics Canada, Catalogue 21-001, 21-202.

NET FARM INCOME

Realized gross farm income for 1981 was $869.2 million, an increase of 13.7 per cent over 1980's total of $764.7 million. Realized gross farm income is the sum of cash receipts from the sale of farm products, income received from government subsidy or support programs for farm commodities, money received from the sale of forest products by farmers, plus estimated income from the home consumption of livestock and crops grown on farms (income-in-kind).

Realized net farm income for B.C. in 1981 was $106.9 million, a decrease of 28.1 per cent received in 1980. Realized net farm income is determined by subtracting operating expenses and depreciation charges from gross farm income. Net farm income declined again in 1981, continuing the downward trend from the high of 178.6 million recorded in 1979.

Net farm income is calculated by adjusting realized net income by the estimated change in value of farm inventories.

NET FARM INCOME, BRITISH COLUMBIA

1976 to 1981

	1976	1977	1978	1979	1980	1981
	'000					
Cash receipts from the sale of farm products.....	429 968	466 995	575 623	632 266	729 169	797 607
B. C. Farm Income Insurance Program.....	31 840	32 665	17 518	3 884	5 027	20 956
Other farm related income.	18 539	16 086	13 893	16 113	15 499	35 396
Total Cash Receipts.....	**480 347**	**515 746**	**607 034**	**652 263**	**749 695**	**854 049**
Total Cash Receipts.....	480 347	515 746	607 034	652 263	749 695	854 049
plus: Income-in-Kind.....	8 716	9 733	12 123	14 575	14 973	15 166
Realized Gross Income.....	489 063	525 479	619 157	666 838	764 668	869 215
less: Operating Expenses and Depreciation Charges..	393 433	412 323	464 096	527 546	615 923	762 283
Realized Net Income.....	95 630	113 156	155 061	139 292	148 745	106 932
Value of Inventory Change.	571	12 149	5 643	39 286	18 014	-16 258
Total Net Income.....	**96 201**	**125 305**	**160 704**	**178 578**	**166 759**	**90 674**

Source: Statistics Canada, Catalogue 21-202.

PRICE INDEXES

Economic indicator indexes continued to rise in 1981. The Consumer price index for Vancouver (all items) rose 14.3 per cent above the 1980 level to 238.9 per cent. The Food and Beverage Industry Selling Price Index increased 8.8 per cent to 279.4 per cent for 1981. The cost of items affecting farm production, as measured by the Farm Input Price Index for Western Canada, rose 13.5 per cent for 1981. This increase was matched by that of prices received by B.C. Farmers which has climbed 12.9 per cent since 1979. The Industrial Composite Index of Average Weekly Wages for B.C, a general wage indicator for industry, showed an increase of 12.3 per cent compared with the rise of 9.3 per cent occurring in 1979-80.

PRICE INDEXES: BRITISH COLUMBIA

1964 to 1981
(1971 = 100.0)

YEAR	Index of Avg. Weekly Wages Industrial Composite B.C.	Consumer Price Index. All Items, Vanc.	Food & Beverage Industries Selling Price Index
1964.....	64.2	80.8	83.1
1965.....	68.7	82.2	83.9
1966.....	70.7	84.3	88.4
1967.....	75.9	87.3	89.1
1968.....	80.6	90.6	90.3
1969.....	87.2	93.7	94.9
1970.....	91.2	96.8	97.2
1971.....	100.0	100.0	100.0
1972.....	106.7	105.3	108.7
1973.....	116.0	112.9	131.3
1974.....	130.5	126.1	155.0
1975.....	151.6	140.1	170.9
1976.....	170.9	153.7	173.7
1977.....	178.2	164.7	185.9
1978.....	187.2	177.4	205.6
1979.....	205.2	191.1	231.7
1980.....	204.3	209.0	256.6
1981.....	251.9	238.9	279.4

Source: Statistics Canada, Catalogue 72-002, 62-010, 62-011

YEAR	Farm Input Price Index Western Canada	Index of Physical Volume of Agricultural Production	Index of Prices Received by B.C. Farmers
1964.....	81.1	90.8	79.8
1965.....	83.9	73.5	87.3
1966.....	88.7	96.4	92.7
1967.....	89.5	94.7	89.8
1968.....	92.4	98.2	95.6
1969.....	95.8	81.6	100.3
1970.....	96.4	97.8	97.9
1971.....	100.0	100.0	100.0
1972.....	106.8	101.3	108.8
1973.....	124.4	109.5	141.2
1974.....	144.3	109.0	168.1
1975.....	163.0	118.8	169.3
1976.....	174.9	120.3	173.5
1977.....	179.5	121.4	180.2
1978.....	203.0	116.9	206.0
1979.....	237.9	124.7	236.0
1980.....	261.5	129.0	252.8
1981.....	296.8	122.0	266.4

Source: Statistics Canada, Catalogue 62-004, 21-203, 62-001

Map Production, Surveys and Mapping Branch, Ministry of Environment, Victoria, B.C.

FARM WAGES, BRITISH COLUMBIA

1980 and 1981

	PER DAY		PER MONTH	
	1980	1981	1980	1981
	$		$	
With Board:				
February 15.....	32.20	33.73	783.00	833.00
May 15.....	32.20	33.73	797.00	836.00
August 15.....	32.20	33.73	807.00	845.00
Without Board				
February 15.....	35.25	37.54	923.00	996.00
May 15.....	35.25	38.52	931.00	1 014.00
August 15.....	36.10	39.41	953.00	1 031.00

Source: Statistics Canada, Catalogue 21-002, figures are averages based on a survey of farm operators.

FARM TAXFILERS DATA

The increased use of aggregated administrative records is proving to be a useful and informative means of obtaining information on agriculture. Such is the case with the use of farm taxfiler data. Although the information is usually not available until two years after the taxation year, the data provides accurate information on income from farm and off-farm sources for regions and districts of British Columbia.

Their average gross farm income was $39,959, with average off-farm income amounting to $18,704. The average total of wages and salaries paid to B.C. farmers in 1980 was $12,175. This amount is included in total off-farm income. Fifty-three per cent of gross farm income originated in the Lower Mainland Region.

FARM INCOME: BRITISH COLUMBIA

1980

District & Regions	No. of Census Farms	Average Gross Farm Income	Total Gross Farm Income	Average Total Off Farm Income	Average Wages and Salaries	Average Age
	#	$	$	$	$	
East Kootenay.....	402	17 827	7 166 446	19 144	12 334	49.6
Central Kootenay.....	620	23 840	14 781 009	16 009	10 180	49.7
Kootenay.....	**1022**	**21 475**	**21 947 455**	**17 440**	**11 219**	**49.6**
Kootenay Boundary....	371	14 830	5 501 828	14 572	9 728	48.1
Okanagan-Similkameen.	1 734	25 623	44 429 872	11 587	6 016	44.7
Central Okanagan.....	1 185	29 070	34 448 536	17 695	8 696	49.6
North Okanagan.....	1 338	25 921	34 682 550	15 941	9 138	49.5
Columbia-Shuswap.....	676	26 839	18 143 389	15 619	10 017	50.0
Okanagan.....	**5 304**	**25 868**	**137 206 175**	**14 755**	**8 107**	**47.9**
Thompson-Nicola.....	845	42 244	35 695 859	18 244	11 520	48.2
Squamish-Lillooet....	103	18 169	1 871 413	16 446	12 558	52.4
Thompson.....	**948**	**39 628**	**37 567 272**	**18 083**	**11 619**	**48.6**
Central Fraser Valley	2 814	69 302	195 014 639	18 483	12 287	47.1
Dewdney-Alouette.....	682	56 992	38 868 952	20 598	14 117	48.8
Fraser-Cheam.....	1 109	69 401	76 966 032	13 995	7 752	44.1
Greater Vancouver....	1 407	80 313	113 000 209	28 589	17 994	49.6
Sunshine Coast.....	56	6 418	359 415	20 666	13 127	40.8
Powell River.....	66	6 569	433 535	23 819	16 278	44.6
Mainland.....	**6 134**	**69 228**	**424 642 782**	**21 880**	**14 306**	**47.2**
Capital.....	741	33 089	24 518 952	22 170	11 812	50.2
Cowichan Valley.....	535	30 529	16 332 809	21 096	13 734	49.3
Nanaimo.....	337	19 309	6 507 195	19 024	10 519	44.8
Alberni-Clayoquot....	73	41 146	3 003 677	18 106	12 263	49.8
Comox-Strathcona.....	392	29 968	11 747 523	18 736	12 197	46.3
Mt. Waddington.....	—	—	—	—	—	—
Island.....	**2 078**	**29 889**	**62 110 156**	**20 676**	**12 127**	**48.3**
Cariboo.....	996	26 684	26 577 633	16 119	10 978	47.0
Central Coast.....	22	3 242	71 329	24 933	20 257	50.9
Cariboo.....	**1 018**	**26 178**	**26 648 962**	**16 254**	**11 141**	**47.1**
Fraser-Ft. George....	640	15 631	10 003 839	22 156	16 310	47.0
Bulkley-Nechako.....	839	21 245	17 824 549	17 236	12 309	47.1
Stikine.....	—	—	—	—	—	—
Kitimat-Stikine.....	144	13 992	2 014 893	22 357	15 479	46.0
Skeena.....	14	3 974	55 630	24 115	19 888	39.6
Omineca.....	**1 637**	**18 264**	**29 898 911**	**19 873**	**14 067**	**47.0**
Peace River-Liard....	1 871	31 872	59 631 949	16 374	11 720	45.9
Peace.....	**1 871**	**31 872**	**59 631 949**	**16 374**	**11 720**	**45.9**
PROVINCE.....	**20 012**	**39 959**	**799 653 662**	**18 704**	**12 175**	**48.0**

Source: Aggregated data from Revenue Canada.

FIELD CROPS

General Weather & Cropping Conditions

The coastal areas of British Columbia had a very wet spring, which lasted well into mid-June. Interior areas of the province had somewhat drier conditions and above normal temperatures. Most regions enjoyed a warm late summer and fall.

Coastal Region

The year 1981 will be remembered by coastal farmers as one of the worst ever for field crop production. A very unusual wet late spring and early summer delayed planting of corn cereal and potato crops and necessitated re-planting of many fields. Perennial forage crops produced lower yields and suffered from rain damage and over-maturity. The warmer weather in August enabled farmers to put up some good quality hay.

Thompson-Cariboo

Cool, wet weather in June and July resulted in poor haying conditions in the southern regions where growth of corn and other annual crops was delayed. However, in the Cariboo, the warm dry weather mid July through September enabled ranchers to put up excellent quality winter forage.

Okanagan-Kootenay

In the Okanagan, exceptionally cool, wet weather in June and July delayed growth of all annual crops. Hay crops yielded well but most of the first cut of alfalfa was damaged due to rain. Good weather from late July to early October enabled most silage corn to mature properly.

In the Kootenay, May through September precipitation was more than double the long term average. Cereal production was the poorest ever experienced in the Creston Valley.

Central B.C.

Severe winter icing west of Prince George significantly reduced legumes in forage stands. Alfalfa winter kill was fairly general, particularly in older stands which had been severely grazed in the fall or were at low fertility levels. A cool wet spring delayed seeding and contributed to a reduction in barley yields. A subsequent dry summer enabled farmers to harvest a below average hay crop.

Peace River

While soil moisture was fairly good in the spring, the summer was much warmer and drier than usual. The hot, dry weather accelerated maturity so that a significant portion of the cereal crop was harvested in August, including wheat. Harvesting was virtually completed by the end of September.

Seeded pastures suffered because of the dry summer conditions and hay yields averaged about 1 ton/acre.

FIELD CROPS: PRODUCTION, BRITISH COLUMBIA

1980 and 1981

IMPERIAL UNITS

CROP	1980 AREA acres	1980 YIELD bu/ac.	1980 PRODUCTION bushels	1981 AREA acres	1981 YIELD bu/ac.	1981 PRODUCTION bushels
Spring Wheat.....	160 000	39.1	6 250 000	150 000	30.7	4 600 000
Oats for Grain.....	56 000	69.6	3 900 000	65 000	47.7	3 100 000
Barley.....	200 000	50.5	10 100 000	275 000	34.9	9 600 000
Fall Rye.....	11 000	32.7	360 000	10 000	27.5	275 000
Mixed Grains.....	3 000	46.7	140 000	4 000	40.0	160 000
Rapeseed.....	140 000	17.9	2 500 000	80 000	14.4	1 150 000
		Ton/Ac.	Tons		Ton/Ac.	Tons
Tame Hay	689 000	30.2	2 080 000	685 000	2.77	1 900 000
Fodder Corn	29 000	18.97	550 000	31 000	16.45	510 000

Source: Statistics Canada, Catalogue 22-002
November Estimate, 1981

FIELD CROPS: PRODUCTION, BRITISH COLUMBIA

1980 and 1981

METRIC UNITS

CROP	1980 AREA hectares	1980 YIELD tonnes/ha	1980 PRODUCTION tonnes	1981 AREA hectares	1981 YIELD tonnes/ha	1981 PRODUCTION tonnes
Spring Wheat.....	65 000	2.62	170 100	61 000	2.05	125 000
Oats for Grain.....	23 000	2.61	60 100	26 000	1.85	48 000
Barley.....	81 000	2.71	219 900	111 000	1.88	209 000
Fall Rye.....	4 500	2.02	9 100	4 000	1.75	7 000
Mixed Grains.....	1 200	2.42	2 900	1 600	2.06	33 000
Rapeseed.....	57 000	.99	56 700	32 000	.82	26 100
Tame Hay.....	279 000	6.76	1 886 900	277 000	6.22	1 724 000
Fodder Corn.....	12 000	41.58	499 000	13 000	35.60	463,000

Source: Statistics Canada, Catalogue 22-002
November Estimate, 1981

CEREAL AND OILSEED CROPS

Production Trends

In the Peace, wheat acreage increased by 9% but total production was down 18% from the previous year. Oat acreage increased by 42% and barley acreage increased 41%. Rapeseed decreased 33% from 131,443 to 88,360 acres. Total production was down in all crops from 1980, with the exception of rye, due to a very dry summer.

The predominate varieties and average qualities in 1981 were:

Wheat - Neepawa	2 CWRS
Barley - Gait	1 Feed
Oats - Random	1 Feed
Canola - Canole, Altex	Can. # 1

Of significance was the increase in Altex (an Argentine Canola) to 30% of the acreage. Argentine types are not recommended for the Peace because of late maturity. The general availability of Tabin (a new Polish type Canola) in 1983 will be welcomed.

In other regions of the province, the field and quality of cereal crops was greatly reduced due to extremely poor weather conditions.

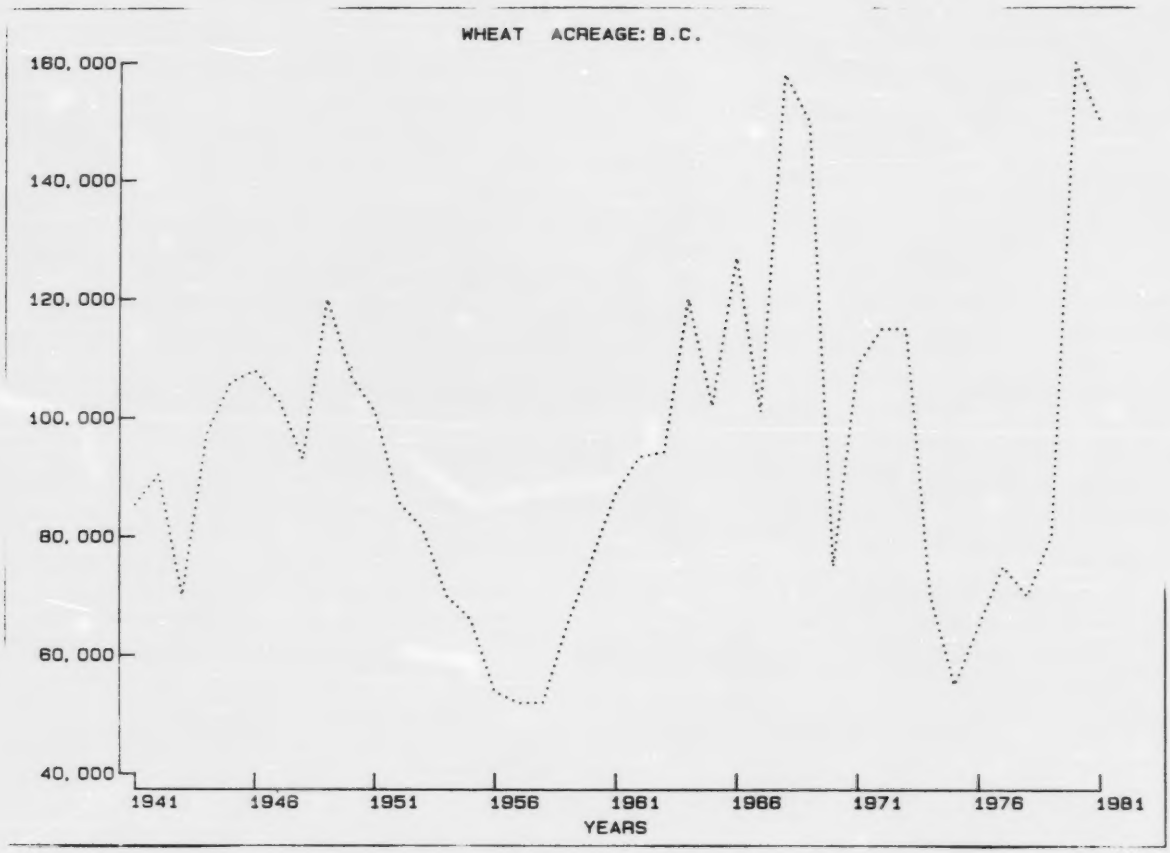
SILAGE CORN

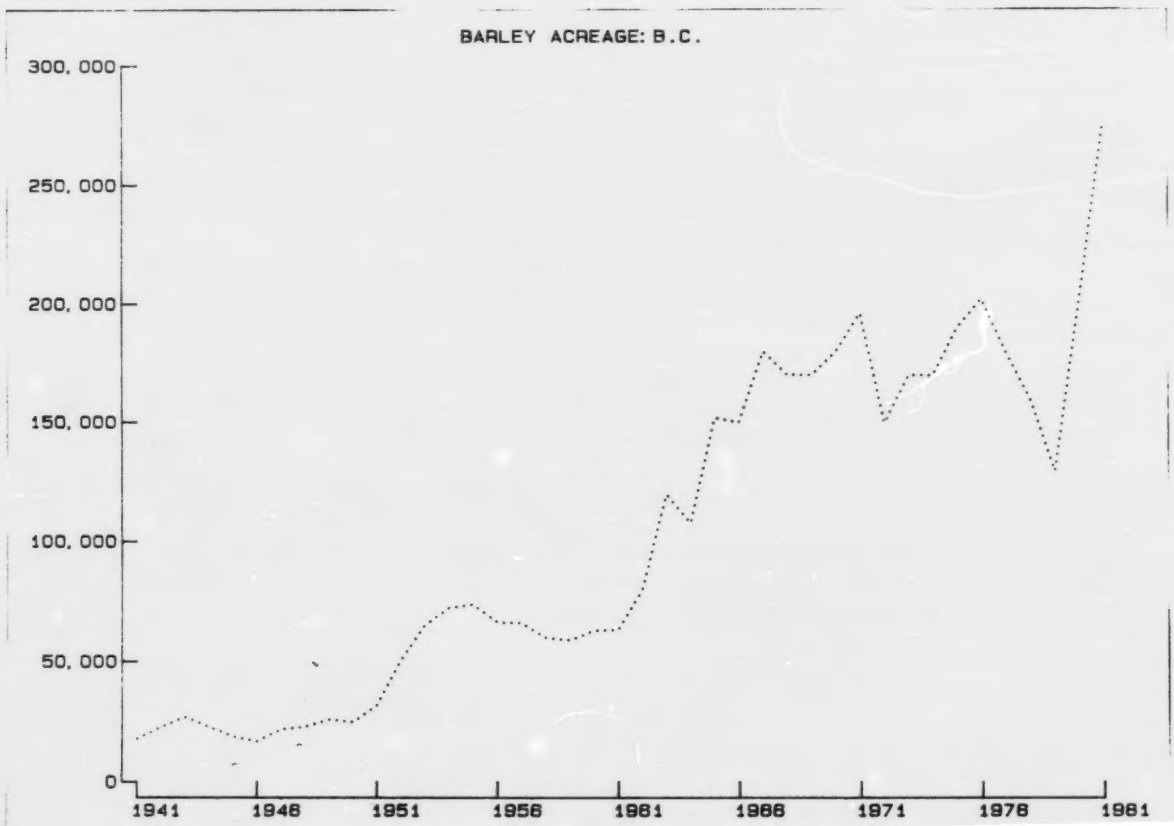
On the coast, corn planting was seriously delayed and growth was slow until warm dry weather finally arrived in August. At two locations in the Fraser Valley where B.C.M.A.F. corn trials have been conducted for the past 3 years, dry matter yields have dropped from 12.8 in 1979, to 11.0 in 1980, to 6.2 tonnes per hectare in 1981 at one location and from 23.0 to 13.5 to 9.0 tonnes per hectare at the other. Many farmers added dry material primarily alfalfa cubes, but also grain and beet pulp at the time of ensiling.

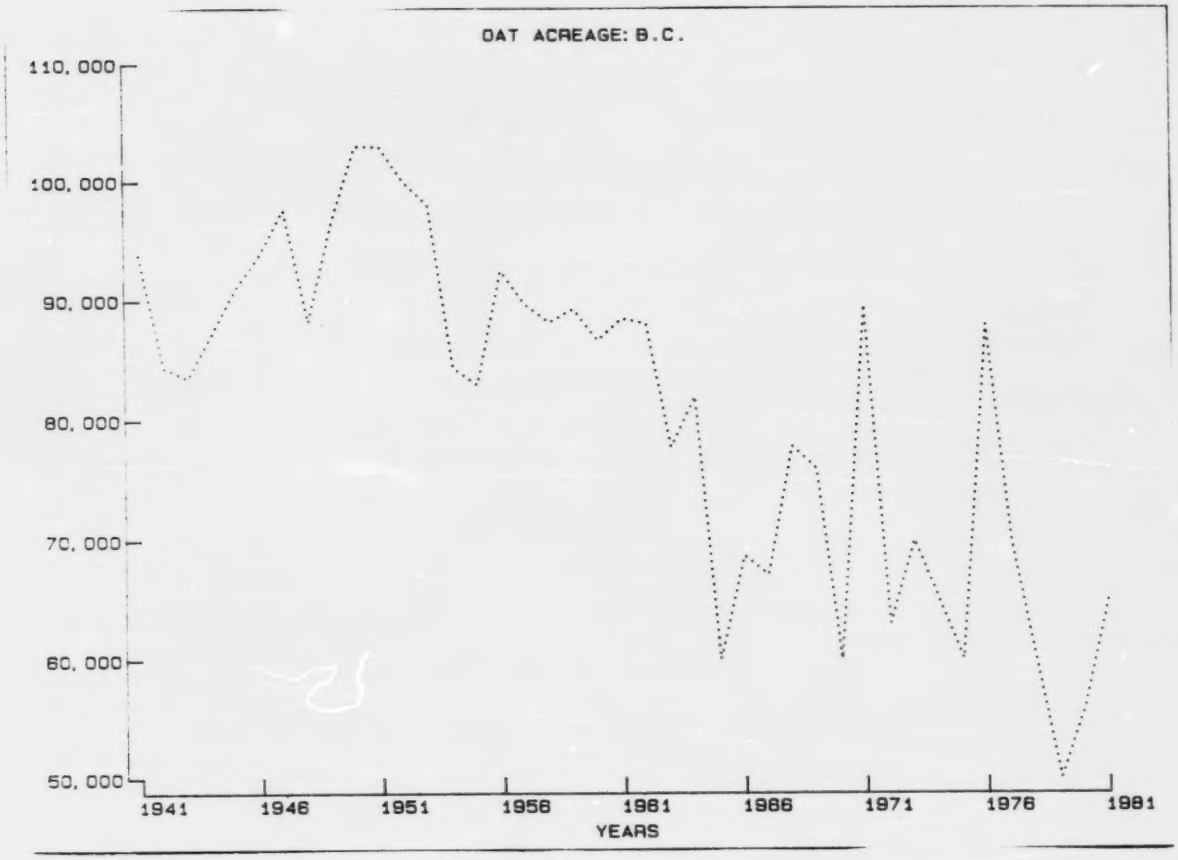
In the interior, planting was not significantly delayed and most fields reached acceptable levels of maturity.

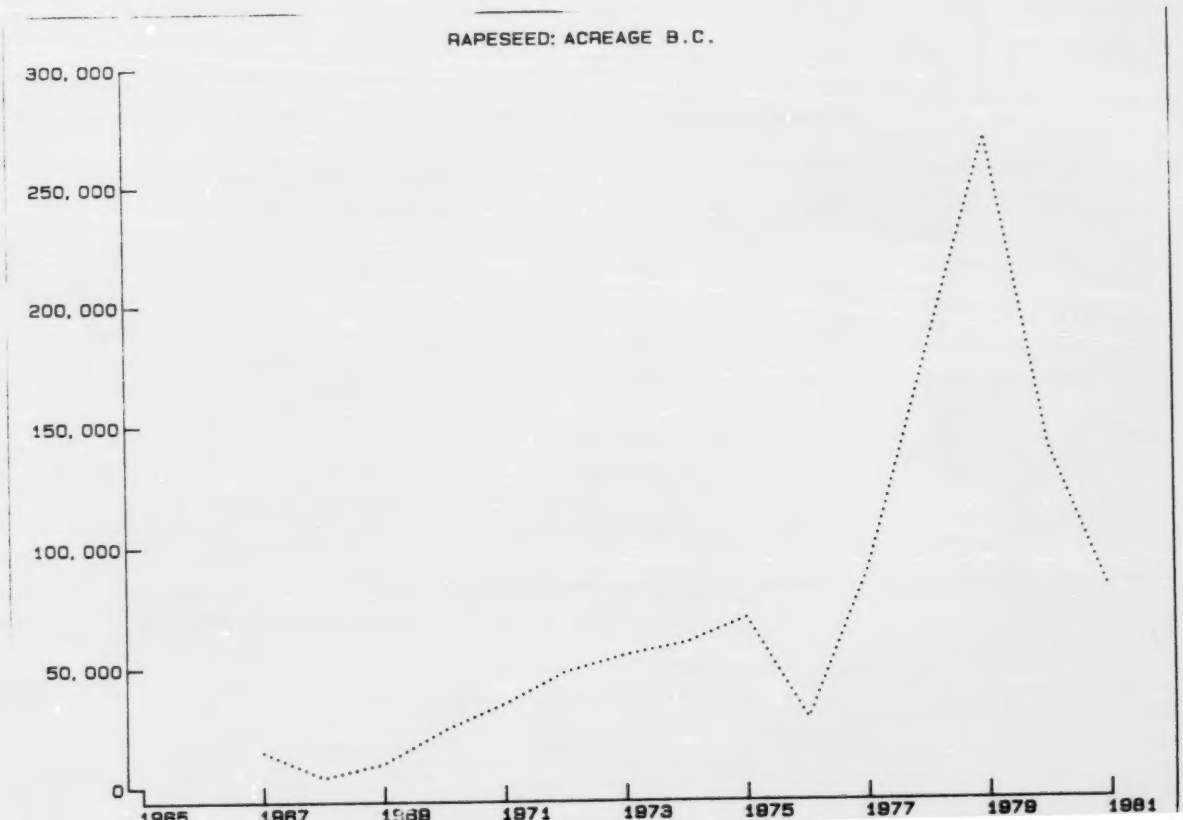
The acreage planted in 1981 increased to an estimated 26,000 acres with an average yield of 16.45 tons of green weight per acre. This acreage is slightly under the Statistics Canada estimate of 28,400 acres.

The recommendations issued annually by the B.C. Corn Committee have assisted growers in the selection of hybrids and have assisted them in achieving a relatively high standard of management. Regional demonstration plots conducted by B.C.M.A.F. have complemented the research plots co-odinated by the Agassiz Research Station.


WHEAT ACREAGE: B.C.
160, 000
140, 000
120, 000
100, 000
80, 000
60, 000
40, 000
1941
1946
1951
1956
1961
1966
1971
1976
1981
YEARS


BARLEY ACREAGE: B.C.
300, 000
250, 000
200, 000
150, 000
100, 000
50, 000
0
1941
1946
1951
1956
1961
1966
1971
1976
1981


OAT ACREAGE: B.C.
110, 000
100, 000
90, 000
80, 000
70, 000
60, 000
50, 000
1941
1946
1951
1956
1961
1966
1971
1976
1981
YEARS


RAPESEED: ACREAGE B.C.
300, 000
250, 000
200, 000
150, 000
100, 000
50, 000
0
1965
1967
1969
1971
1973
1975
1977
1979
1981

FIELD CROPS: AVERAGE GRADES, BRITISH COLUMBIA
Peace River Region, 1980 and 1981

	1980	1981
Wheat	3 CWRS	2 CWRS
Oats	#1 Feed	#1 Feed
Barley	#1 Feed	#1 Feed
Rapeseed	Canada #1	Canada #1

Source: BCMAF, Field Crops Branch

FIELD CROPS: AVERAGE PRICES' BRITISH COLUMBIA & PEACE RIVER REGION

1980 and 1981

	1980	1981
	——$ per Metric Tonne——	
Peace River Region:		
Wheat.....	195.00	195.00
Oats.....	128.00	98.00
Barley.....	130.00	110.00
Rapeseed.....	280.00	280.00
Rye.....	210.00	150.00
Flaxseed.....	355.00	322.00
British Columbia:		
Hay.....	60.00	107.00

Source: BCMAF, Field Crops Branch; Peace River Region estimate.
Statistics Canada; Provincial estimate.

FORAGE SEED PRODUCTION

Pedigreed forage seed production according to CSGA summaries was 11,273.4 acres in 1981 as compared to 11,767 in 1980. Of this, 6,268 acres were in Creeping Red Fescue, Other crops included bromegrass, timothy, alskike, double cut red clover and birdsfoot trefort.

FORAGE SEED: PRODUCTION, BRITISH COLUMBIA

1980 and 1981

IMPERIAL UNITS

	1980			1981		
	AREA	YIELD	PRODUCTION	AREA	YIELD	PRODUCTION
	acres	lb./ac.	lbs.	acres	lb./ac.	lbs.
Creeping Red Fescue	23 720	189	4 483 080	35,000	375	13 125 000
Bromegrass.....	350	150	52 500	250	200	50 000
Timothy.....	4 900	250	1 225 000	4 500	200	900 000
Alfalfa.....	161	100	16 100	550	150	82 500
Alsike Clover.....	2 690	250	672 500	2 500	150	375 000
Red Clover D.C.....	172	125	21 562	200	100	20 000
Red Clover S.C.....	1 035	200	207 000	1 000	150	150 000
Sweet Clover.....	180	500	90 000	200	400	80 000
TOTAL.....	33 208		6 767 742	44 200		14 782 500

METRIC UNITS

	1980			1981		
	AREA	YIELD	PRODUCTION	AREA	YIELD	PRODUCTION
	hectares	kg./ha.	kg.	hectares	kg./ha.	kg.
Creeping Red Fescue	9 603	212	2 035 836	14 170	420	5 951 400
Bromegrass.....	142	168	23 856	101	224	22 624
Timothy.....	1 984	280	555 520	1 822	224	408 128
Alfalfa.....	65	112	7 280	223	168	37 464
Alsike Clover.....	1 089	280	304 920	1 012	168	170 016
Red Clover D.C.....	70	140	9 800	81	112	9 072
Red Clover S.C.....	419	224	93 856	405	168	68 040
Sweet Clover.....	73	560	40 880	81	448	36 288
TOTAL.....	13 445		3 071 895	17 895		6 703 032

Source: BCMAF Field Crops Branch

RETAIL SALES OF FERTILIZER MATERIALS IN B.C.

1981

Formulation	Metric Tonnes
Ammonium Nitrate 34-0-0	15,000
UREA 46-0-0	8,491
Ammonium Sulphate 21-0-0-24	2,320
Nitrogen Solution 28-0-0	NIL
Ammonium Nitrate Phosphate	
1:1 Ratio	2,381
2:1 Ratio	1,763
UREA phosphate	
1:1 Ratio	641
2:1 Ratio	736
Monoammonium Phosphates	
11-48-0	2,670
11-51-0	3 441
11-55-0	2,735
Ammonium Phosphate Sulphate	
16-20-0	6,713
Muriate of Potash (KCL)	3,362
Other Fertilizer Materials	4,365
Total Materials	54,618
Mixed Fetilizers (N-P-K)	
Dry	41,791
Liquid	NIL
Total Mixed Fertilizers	41,791
Grand Total (Mixed materials & Mixed fertilizer)	96,409
Nutrients	
Nitrogen	27,485
Phosphate	13,149
Potash	7,641

Source: Western Canada Fertilizer Association. September 1981.

FIELD CROPS 1981

DISTRICTS AND REGIONS	Wheat	Oats for Grain	Barley	Mixed Grain	Rye	Field Peas	Field Beans	CORN Grain	CORN Silage	Forage Seed Harvested
	acres									
East Kootenay.....	163	155	204	120	20	-	-	-	20	152
Central Kootenay.....	2 933	1 731	4 067	23	22	-	-	21	958	1 446
Kootenay.....	**3 096**	**1 886**	**4 271**	**143**	**42**	**-**	**-**	**21**	**978**	**1 598**
Kootenay Boundary....	565	697	855	113	121	-	-	-	546	7
Okanagan-Similkameen.	394	100	122	-	1	-	1	8	253	336
Central Okanagan.....	1 199	6	540	-	-	-	-	1	116	55
North Okanagan.....	5 315	1 261	3 366	356	350	303	-	30	3 743	583
Columbia-Shuswap.....	177	605	343	73	58	-	-	-	1 935	52
Okanagan.....	**7 650**	**2 669**	**5 226**	**542**	**530**	**303**	**1**	**39**	**6 593**	**1 033**
Thompson-Nicola.....	1 104	997	1 288	70	-	-	-	11	819	658
Squamish-Lillooet....	56	527	38	-	40	-	-	-	69	61
Thompson.....	**1 160**	**1 524**	**1 326**	**70**	**40**	**-**	**-**	**11**	**888**	**719**
Central Fraser Valley	1 581	137	1 101	80	505	22	-	14	6 193	356
Dewdney-Alouette.....	-	17	-	5	1	-	-	1	1 381	132
Fraser-Cheam.....	385	199	1 073	-	24	-	-	82	8 268	282
Greater Vancouver....	360	986	1 901	-	128	-	12	11	2 490	509
Sunshine Coast.....	-	10	8	-	-	-	-	-	-	-
Powell River.....	-	-	-	-	-	-	-	-	-	10
Mainland.....	**2 326**	**1 349**	**4 083**	**85**	**658**	**22**	**12**	**108**	**18 341**	**1 289**
Capital.....	904	118	162	35	23	-	-	2	179	100
Cowichan Valley.....	250	65	50	102	21	-	-	10	507	79
Nanaimo.....	3	107	8	5	8	-	-	2	256	122
Alberni-Clayoquot....	-	-	50	2	-	-	-	-	26	-
Comox-Strathcona.....	8	133	227	-	2	-	-	-	357	127
Mt. Waddington.....	-	-	-	-	-	-	-	-	-	-
Island.....	**1 165**	**423**	**497**	**144**	**54**	**-**	**-**	**14**	**1 325**	**428**
Cariboo.....	357	1 063	1 488	6	134	2	-	1	773	384
Central Coast.....	-	1	-	-	-	-	-	-	-	18
Cariboo.....	**357**	**1 064**	**1 488**	**6**	**134**	**2**	**-**	**1**	**773**	**402**
Fraser-Ft. George....	298	1 827	2 237	500	138	13	-	-	33	660
Bulkley-Nechako.....	494	4 755	7 353	363	92	22	-	8	36	480
Stikine.....	-	-	-	-	-	-	-	-	-	-
Kitimat-Stikine.....	29	139	349	10	42	4	-	-	-	325
Skeena.....	-	2	-	-	1	-	-	-	-	3
Omineca.....	**821**	**6 723**	**9 939**	**873**	**273**	**39**	**-**	**8**	**69**	**1 468**
Peace River-Liard....	89 526	52 762	204 606	2 550	7 497	180	-	-	15	34 519
Peace.....	**89 526**	**52 762**	**204 606**	**2 550**	**7 497**	**180**	**-**	**-**	**15**	**34 519**
PROVINCE.....	**106 101**	**68 400**	**231 436**	**4 413**	**9 228**	**546**	**13**	**202**	**28 982**	**41 456**

Source: Census of Agriculture for B.C., figures as of June 3, 1981.

OTHER FIELD CROPS 1981

DISTRICTS AND REGIONS	Hay			Oats for Hay	Other Fodder Crops	Flax Seed	Canola (Rapeseed)	Potatoes	Other Field Crops
	Total Hay	Alfalfa Hay	Other Tame						
	acres								
East Kootenay.....	22 187	18 709	3 478	2 374	643	-	-	8	13
Central Kootenay.....	17 581	12 206	5 375	652	329	-	20	312	352
Kootenay.....	**39 768**	**30 915**	**8 853**	**3 026**	**972**	**-**	**20**	**320**	**365**
Kootenay Boundary....	15 325	10 424	4 901	1 093	662	-	30	431	6
Okanagan-Similkameen.	16 144	12 298	3 846	846	787	-	-	94	39
Central Okanagan.....	4 377	3 720	657	268	78	-	220	29	228
North Okanagan.....	31 633	25 723	5 910	2 071	1 787	-	105	71	33
Columbia-Shuswap.....	17 964	12 917	5 047	1 077	337	-	-	22	52
Okanagan.....	**85 443**	**65 082**	**20 361**	**5 355**	**3 651**	**-**	**355**	**647**	**358**
Thompson-Nicola.....	72 769	51 844	20 925	5 575	3 328	-	1	36	150
Squamish-Lillooet....	4 280	2 381	1 899	228	80	-	-	347	-
Thompson.....	**77 049**	**54 225**	**22 824**	**5 803**	**3 408**	**-**	**1**	**383**	**150**
Central Fraser Valley	26 701	1 150	25 551	1 278	1 505	-	360	149	143
Dewdney-Alouette.....	9 919	476	9 443	435	329	-	-	11	393
Fraser-Cheam.....	15 716	768	14 948	509	1 043	-	388	134	933
Greater Vancouver....	11 971	266	11 705	493	1 382	-	150	5 397	287
Sunshine Coast.....	228	42	186	8	19	-	-	-	1
Powell River.....	171	8	163	10	11	-	-	-	10
Mainland.....	**64 706**	**2 710**	**61 996**	**2 733**	**4 289**	**-**	**898**	**5 691**	**1 767**
Capital.....	6 045	282	5 763	241	119	-	-	596	42
Cowichan Valley.....	8 847	209	8 638	278	457	-	-	127	28
Nanaimo.....	4 551	213	4 338	219	98	-	-	173	48
Alberni-Clayoquot....	1 499	-	1 499	3	50	-	-	57	-
Comox-Strathcona.....	8 031	54	7 977	202	278	-	60	308	189
Mt. Waddington.....	-	-	-	-	-	-	-	-	-
Island.....	**28 973**	**758**	**28 215**	**943**	**1 002**	**-**	**60**	**1 261**	**307**
Cariboo.....	90 959	36 912	54 047	7 315	10 445	-	2	129	92
Central Coast.....	426	10	416	54	71	-	-	12	-
Cariboo.....	**91 385**	**36 922**	**54 463**	**7 369**	**10 516**	**-**	**2**	**141**	**92**
Fraser-Ft. George....	37 789	4 547	33 242	3 237	1 805	-	680	45	113
Bulkley-Nechako.....	90 043	20 580	69 463	8 269	4 151	-	227	80	330
Stikine.....	-	-	-	-	-	-	-	-	-
Kitimat-Stikine.....	5 636	852	4 784	944	239	-	-	64	7
Skeena.....	114	-	114	-	4	-	-	3	-
Omineca.....	**133 582**	**25 979**	**107 603**	**12 450**	**6 199**	**-**	**907**	**192**	**450**
Peace River-Liard....	196 264	69 860	126 404	17 214	5 705	125	60 470	38	6 691
Peace.....	**196 264**	**69 860**	**126 404**	**17 214**	**5 705**	**125**	**60 470**	**38**	**6 691**
PROVINCE.....	**717 170**	**286 451**	**430 719**	**54 893**	**35 742**	**125**	**62 713**	**8 673**	**10 180**

Source: Census of Agriculture for B.C., figures as of June 3, 1981.

BRITISH COLUMBIA

FIELD CROP ACREAGES

1941 - 1981

Year	All Wheat	Oats for Grain	Barley	Rapeseed	Tame Hay
		-acres-			
1941	85 400	93 800	18 000		260 000
1942	90 500	84 400	22 900		288 000
1943	70 000	83 500	27 000		285 000
1944	97 300	87 200	23 000		309 000
1945	106 000	91 000	19 000		309 000
1946	108 000	93 800	17 000		294 000
1947	103 000	97 600	22 000		299 000
1948	93 100	88 200	23 000		300 000
1949	120 000	96 600	26 000		306 000
1950	107 000	103 000	25 000		308 000
1951	101 000	103 000	32 100		311 000
1952	85 800	100 000	50 700		315 000
1953	81 400	98 000	65 200		309 000
1954	70 000	84 400	72 400		304 000
1955	66 000	83 000	73 800		325 000
1956	53 900	92 500	66 400		332 000
1957	52 000	89 700	66 000		357 000
1958	52 000	88 200	60 000		367 000
1959	65 000	89 300	59 000		374 000
1960	76 000	86 700	63 000		390 000
1961	87 300	88 500	63 400		403 000
1962	93 500	88 100	79 900		396 000
1963	94 300	77 800	120 000		401 000
1964	120 000	82 000	108 000		422 000
1965	102 000	60 000	152 000		440 000
1966	127 000	68 200	150 000		458 000
1967	101 000	67 100	180 000	15 000	450 000
1968	158 000	77 900	170 000	4 000	429 000
1969	150 000	76 000	170 000	10 000	445 000
1970	75 000	60 000	180 000	24 000	500 000
1971	109 000	89 600	196 000	35 000	513 000
1972	115 000	63 000	150 000	48 000	570 000
1973	115 000	70 000	170 000	55 000	580 000
1974	70 000	65 000	170 000	60 000	625 000
1975	55 000	60 000	190 000	70 000	625 000
1976	65 000	88 000	202 000	2 800	650 000
1977	75 000	70 000	180 000	90 000	670 000
1978	70 000	60 000	160 000	180 000	670 000
1979	80 000	50 000	130 000	270 000	670 000
1980	160 000	56 000	200 000	140 000	689 000
1981	150 000	65 000	275 000	80 000	685 000

Source: Statistics Canada, Catalogue 21-516

HORTICULTURE

Horticulture continued to be the largest sector within B.C.'s agricultural industry. Farm cash receipts for the sale of tree fruits, vegetables, floriculture and nursery crops, accounted for over $185 million in 1981, 22% of B.C.'s total farm cash receipts.

TREE FRUITS

In spite of the weather conditions, enough good spells occurred to allow a heavy fruit set, actually heavier than 1980 and the heaviest crop on record. Fruit sizing was slow throughout the season. Warm weather for three to four weeks following blossom is required for cell division and lacking these conditions fruit size was small.

Colour was slow to develop until late September. The earlier harvested McIntosh had poor colour, but the majority of the crop turned out well. At harvest time both Spartans and red Delicious had good colour.

Average crops of peaches, pears, cherries, and prunes were produced with associated problems. Apricot's were down to half the volume of the 1980 crop but 1982 looks better with young plantings coming into production.

GRAPES

The Okanagan-Kootenay region comprises the economic grape production for the provincial wine industry and the bulk of the fresh and home wine making sales. Production of grapes in 1981 was hampered by poor weather conditions but growers still managed to produce over 11,500 tons of grapes. The harvest period was spread over a long time period, and generally was 7 to 14 days late. Some varieties were harvested up to four weeks later than in 1980.

Yields of grapes in most vineyards were lower than anticipated. In some, yields were 50% lower than last year. This followed a trend that had started in California and was also present in Ontario, New York and other grape producing areas of North America.

Source: Horticulture Branch, Annual Report

BERRIES

The unusually heavy rainfall had a major impact on volumes of berries harvested and the costs inclined to produce them.

Strawberry plantings generally overwintered well in all areas. Spring growth and flowering were earlier than normal, but the heavy rains greatly hampered routine field activities such as cultivation, fertilization and spraying.

The first commercial pickings were made the week of June 15 and continued until about July 17. The potential for the 1981 B.C. crop was estimated at 21 million pounds but the final production was only 77% or 16.12 million pounds. Production by area was as follows:

Interior	4%
Vancouver Island	4.5%
Fraser Valley	91.5%

Raspberry production in B.C. totalled 18 million pounds, of which 17.6 million pounds originated in the Fraser Valley. More than 16.4 million pounds were processed. Previous record high crops of 17 million pounds was established in 1947 and 1980.

The majority of raspberry plantings overwintered without serious levels of dead bud or frost injury. Heavy rain storms at the peak of harvest caused an explosion of botrytis fruit rot which reduced yields. In addition, some growers lost fruit due to insufficient pickers. The net result was a general decline of 25 - 50%.

The blueberry crop estimated at 7.6 million pounds as compared to 9.5 million in 1980, is expected to increase significantly over the next decade as new plantings come into full production.

The production of black currents, blackberries, loganberries and other berries has declined sharply over the past 2 decades. In 1961, blackberry production was 477,000 pounds and loganberries 1,203,000 pounds. Twenty years later, production of blackberries and loganberries has fallen to 30,000 and 35,000 pounds respectively. However, the last couple of years prices have improved, and several new plantings have been set out in both the Fraser Valley and on Vancouver Island.

NURSERY CROPS

Ornamental nursery stock production continues to increase, both on the coast and in the southern interior. The estimated value is $28 million at the farm gates for 1981. Much of the production leaves the province for the Prairies and Eastern Canada.

In the Okanagan, an increase in ornamental nursery problem was experienced but the bulk of nursery duties in that area were related to fruit tree nursery stock production. The number of nursery growers throughout the Interior is increasing. Problems particular to this region relate to weed control, irrigation and over-wintering.

In 1981, fifteen trials with ornamental nursery stock were conducted. There was one herbicide and four algaecide trials at Aldergrove and one algaecide trial at Pitt Meadows. Six of the algaecides used were English products, small samples of which were supplied by the W.B.C. Botanial Garden staff. There were two fertilizer trials in container grown ornamentals, one each at Aldergrove and Cloverdale. One fertilizer trial was also done on six year old Douglas fir christmas trees at a christmas tree farm in Aldergrove.

GREENHOUSE CROPS

Current high interest rates and the recession will slow the growth of the greenhouse industry. In the past year, fewer new growers were able to get into the business, and those that had expanded will postpone further expansion plans. A large increase in heating costs has forced growers to study their production practices with respect to energy consumption.

In 1981 a greenhouse survey was implemented utilizing regional staff members. The results indicated that over 300 growers cropping some 170 acres of greenhouse exist in B.C.. Ninety percent (90%) of this area is in the South Coastal region.

VEGETABLES

Vegetable crops suffered in 1981 when 526 mm of rain fell on the Lower Mainland between March 8 and July 31, the area where over 75% of B.C.'s vegetables are produced. Alot of crops went in much later than normal or they did not go in at all which was the case in large low lying areas. Acreage was down, crops matured late and unevenly, the volume was missing and with it the continuity that holds buyers to a source of supply.

Priorities in vegetables for 1981 included, extending the length of the selling season by means of earlier cropping and longer storage; solving problems to do with quality, weed control and diseases; comparing promising varieties with standard varieties; scheduling for continuity in sales during the selling season; the growing of less popular exotic vegetables in order to provide information on the growing of these vegetables; comparing fertilizer treatments with those used by growers for carrots and cole crops.

POTATOES

Commercial Production

The total potato acreage was estimated at 8,300 acres by Statistics Canada in 1981, as compared to 8,000 acres in 1980. Good prices for the 1980 crop resulted in a significant increase in potato plantings in the Southern Interior, including Creston, Grand Forks and the Okanagan. The provincial average acreage per farm was 34.7. The largest grower had 315 acres.

Cold, wet weather delayed plantings, especially in the coastal districts. Many plantings were not completed until July. As a result average yields were down. The average yield reported by Statistics Canada was 8.5 tons per acre.

The B.C. Vegetable Marketing Commission reported per acre yields as follows:

	Lower Mainland	Vancouver Island	Interior
Earlies	6 tons	7 tons	7 tons
Whites	8.5 tons	9 tons	8.5 tons
Lates	8.5 tons	9.5 tons	10 tons

HORTICULTURE CROPS 1981

DISTRICTS AND REGIONS	Vegetables	Tree Fruits	Small Fruits	Nursery & Cut Flowers	Greenhouse & Mushroom sq.ft.
	acres				
East Kootenay.....	4	15	.2	16	46 744
Central Kootenay.....	92	1 143	49	21	81 913
Kootenay.....	**96**	**1 158**	**51**	**37**	**128 657**
Kootenay Boundary....	201	84	3	x	11 132
Okanagan-Similkameen.	631	13 110	1 403	65	362 637
Central Okanagan.....	247	11 212	1 555	428	114 746
North Okanagan.....	679	1 467	106	21	150 459
Columbia-Shuswap.....	151	477	65	x	24 370
Okanagan.....	**1 909**	**26 350**	**3 132**	**565**	**663 344**
Thompson-Nicola.....	306	191	49	x	x
Squamish-Lillooet....	225	26	6	x	x
Thompson.....	**531**	**217**	**55**	**6**	**89 357**
Central Fraser Valley	4 042	56	5 561	743	1 745 071
Dewdney-Alouette.....	512	36	567	228	941 302
Fraser-Cheam.....	4 824	74	571	638	439 575
Greater Vancouver....	5 867	63	3 509	394	4 815 484
Sunshine Coast.....	85	10	8	x	34 876
Powell River.....	18	7	7	x	22 756
Mainland.....	**15 348**	**246**	**10 223**	**2 060**	**7 999 064**
Capital.....	645	276	131	278	1 143 238
Cowichan Valley.....	131	57	27	20	182 860
Nanaimo.....	87	39	51	x	208 963
Alberni-Clayoquot....	76	7	36	x	36 079
Comox-Strathcona.....	223	68	48	32	170 182
Mt. Waddington.....	-	-	-	-	-
Island.....	**1 162**	**447**	**293**	**381**	**1 741 322**
Cariboo.....	63	5	6	4	60 696
Central Coast.....	1	10	1	-	-
Cariboo.....	**64**	**15**	**7**	**4**	**60 696**
Fraser-Ft. George....	70	5	7	10	87 865
Bulkley-Nechako.....	181	8	5	-	38 066
Stikine.....	-	-	-	-	-
Kitimat-Stikine.....	39	5	-	x	14 714
Skeena.....	2	5	10	x	-
Omineca.....	**292**	**23**	**22**	**11**	**140 645**
Peace River-Liard....	38	1	6	11	24 102
Peace.....	**38**	**1**	**6**	**11**	**24 102**
PROVINCE.....	**19 440**	**28 457**	**13 789**	**3 075**	**10 847 187**

Source: Census of Agriculture for B.C., figures as of June 3, 1981.

x - Figures suppressed to retain confidentiality

VEGETABLES 1981

DISTRICTS AND REGIONS	Total Area	Asparagus	Beans	Beets	Broccoli	Cabbage	Carrots	Cauliflower	Celery
	acres								
East Kootenay.....	4	-	-	-	-	-	1	-	-
Central Kootenay.....	92	29	1	1	1	2	4	1	-
Kootenay.....	**96**	**29**	**1**	**1**	**1**	**2**	**5**	**1**	**-**
Kootenay Boundary....	201	17	-	1	-	29	8	-	-
Okanagan-Similkameen.	631	170	4	1	1	11	8	3	-
Central Okanagan.....	247	26	3	4	3	8	6	9	51
North Okanagan.....	679	346	2	3	2	4	4	3	9
Columbia-Shuswap.....	151	2	1	2	-	1	9	-	1
Okanagan.....	**1 909**	**561**	**10**	**11**	**6**	**53**	**35**	**15**	**61**
Thompson-Nicola.....	306	10	2	1	1	16	3	4	-
Squamish-Lillooet....	225	-	-	-	-	-	2	-	-
Thompson.....	**531**	**10**	**2**	**1**	**1**	**16**	**5**	**4**	**-**
Central Fraser Valley	4 042	1	41	10	1 278	94	44	706	-
Dewdney-Alouette.....	512	-	3	1	191	7	1	96	-
Fraser-Cheam.....	4 824	1	827	53	160	7	144	137	-
Greater Vancouver....	5 867	2	684	55	144	454	275	253	1 441
Sunshine Coast.....	85	-	-	-	-	1	1	-	-
Powell River.....	18	-	-	1	1	1	-	-	-
Mainland.....	**15 348**	**4**	**1 555**	**120**	**1 774**	**564**	**465**	**1 192**	**1 441**
Capital.....	645	2	8	12	17	116	71	119	15
Cowichan Valley.....	131	-	3	7	1	5	12	1	3
Nanaimo.....	87	2	1	3	1	5	14	1	2
Alberni-Clayoquot....	76	-	3	2	2	4	7	4	5
Comox-Strathcona.....	223	1	4	6	8	16	8	34	2
Mt. Waddington.....	-	-	-	-	-	-	-	-	-
Island.....	**1 162**	**5**	**19**	**30**	**29**	**146**	**112**	**159**	**27**
Cariboo.....	63	-	3	2	8	8	7	7	-
Central Coast.....	1	-	-	-	-	-	-	-	-
Cariboo.....	**64**	**-**	**3**	**2**	**8**	**8**	**7**	**7**	**-**
Fraser-Ft. George....	70	-	1	3	7	25	6	6	8
Bulkley-Nechako.....	181	-	1	2	62	40	33	6	-
Stikine.....	-	-	-	-	-	-	-	-	-
Kitimat-Stikine.....	39	-	1	1	1	7	3	2	5
Skeena.....	2	-	-	-	-	-	-	-	-
Omineca.....	**292**	**-**	**3**	**6**	**70**	**72**	**42**	**14**	**13**
Peace River-Liard....	38	-	1	2	1	3	4	2	1
Peace.....	**38**	**-**	**1**	**2**	**1**	**3**	**4**	**2**	**1**
PROVINCE.....	**19 440**	**609**	**1 594**	**173**	**1 890**	**864**	**675**	**1 394**	**1 543**

Source: Census of Agriculture for B.C., figures as of June 3, 1981.

VEGETABLES 1981-continued

DISTRICTS AND REGIONS	Cucumbers	Green Peas	Lettuce	Onions	Rutabagas (including Turnips)	Sweet Corn	Tomatoes	Other
	acres							
East Kootenay.....	1	-	-	-	-	1	-	-
Central Kootenay.....	5	2	2	2	1	27	3	13
Kootenay.....	**6**	**2**	**2**	**2**	**1**	**28**	**3**	**13**
Kootenay Boundary....	1	1	-	73	10	50	4	6
Okanagan-Similkameen.	16	4	-	27	7	122	190	67
Central Okanagan.....	12	2	3	45	-	58	27	42
North Okanagan.....	11	83	2	3	3	53	61	98
Columbia-Shuswap.....	1	1	-	-	-	125	1	9
Okanagan.....	**41**	**91**	**5**	**148**	**20**	**408**	**283**	**222**
Thompson-Nicola.....	9	4	10	6	3	133	60	45
Squamish-Lillooet....	20	-	-	40	20	122	-	20
Thompson.....	**29**	**4**	**10**	**46**	**23**	**255**	**60**	**65**
Central Fraser Valley	46	469	64	39	6	523	17	706
Dewdney-Alouette.....	5	-	-	4	-	45	3	157
Fraser-Cheam.....	8	1 826	1	1	1	1 552	1	104
Greater Vancouver....	150	1 538	580	302	162	665	8	595
Sunshine Coast.....	1	18	-	-	-	63	-	1
Powell River.....	-	-	1	-	-	10	1	2
Mainland.....	**210**	**3 851**	**646**	**346**	**169**	**2 858**	**30**	**1 565**
Capital.....	9	7	46	36	21	113	10	55
Cowichan Valley.....	3	2	3	2	16	65	1	10
Nanaimo.....	4	1	2	-	11	27	5	11
Alberni-Clayoquot....	4	4	2	-	3	35	1	5
Comox-Strathcona.....	9	3	13	2	14	58	4	44
Mt. Waddington.....	-	-	-	-	-	-	-	-
Island.....	**29**	**17**	**66**	**40**	**65**	**298**	**21**	**125**
Cariboo.....	3	4	-	3	3	12	3	2
Central Coast.....	-	-	-	-	1	-	-	-
Cariboo.....	**3**	**4**	**-**	**3**	**4**	**12**	**3**	**2**
Fraser-Ft. George....	-	3	4	1	8	-	1	4
Bulkley-Nechako.....	-	1	-	-	25	4	-	7
Stikine.....	-	-	-	-	-	-	-	-
Kitimat-Stikine.....	4	1	2	1	1	9	-	5
Skeena.....	-	-	-	-	-	-	-	1
Omineca.....	**4**	**5**	**6**	**2**	**34**	**13**	**1**	**17**
Peace River-Liard....	6	2	1	-	3	10	2	1
Peace.....	**6**	**2**	**1**	**-**	**3**	**10**	**2**	**1**
PROVINCE.....	**328**	**3 976**	**736**	**587**	**319**	**3 882**	**403**	**2 010**

Source: Census of Agriculture for B.C., figures as of June 3, 1981.

TREE FRUITS 1981

DISTRICTS AND REGIONS	Total Area	Apples	Pears	Plums and Prunes	Cherries (Sweet)	Cherries (Sour)	Peaches	Apricots
	acres							
East Kootenay.....	15	10	1	2	2	-	-	1
Central Kootenay.....	1 143	860	74	48	66	9	59	28
Kootenay.....	**1 158**	**870**	**75**	**50**	**68**	**9**	**59**	**29**
Kootenay Boundary....	84	52	5	12	5	2	1	7
Okanagan-Similkameen.	13 110	7 614	929	642	1 302	62	2 032	530
Central Okanagan.....	11 212	8 807	1 037	173	692	238	217	49
North Okanagan.....	1 467	1 330	28	37	28	5	28	11
Columbia-Shuswap.....	477	304	16	21	105	5	9	16
Okanagan.....	**26 350**	**18 107**	**2 015**	**885**	**2 132**	**312**	**2 287**	**613**
Thompson-Nicola.....	191	139	9	10	16	3	10	5
Squamish-Lillooet....	26	14	1	5	5	1	-	-
Thompson.....	**217**	**153**	**10**	**15**	**21**	**4**	**10**	**5**
Central Fraser Valley	56	27	4	8	3	7	2	5
Dewdney-Alouette.....	36	12	2	3	1	16	1	1
Fraser-Cheam.....	74	15	4	37	5	12	1	1
Greater Vancouver....	63	32	8	8	4	2	8	1
Sunshine Coast.....	10	6	1	1	1	-	-	-
Powell River.....	7	3	1	2	1	-	-	-
Mainland.....	**246**	**95**	**20**	**59**	**15**	**37**	**12**	**8**
Capital.....	276	199	24	18	20	4	8	2
Cowichan Valley.....	57	35	9	6	4	1	2	-
Nanaimo.....	39	21	4	4	5	1	1	2
Alberni-Clayoquot....	7	6	1	-	1	-	-	-
Comox-Strathcona.....	68	48	6	9	3	1	1	1
Mt. Waddington.....	-	-	-	-	-	-	-	-
Island.....	**447**	**309**	**44**	**37**	**33**	**7**	**12**	**5**
Cariboo.....	5	-	-	-	1	2	-	-
Central Coast.....	10	10	-	1	-	-	-	-
Cariboo.....	**15**	**10**	**-**	**1**	**1**	**2**	**-**	**-**
Fraser-Ft. George....	5	2	-	1	-	1	-	1
Bulkley-Nechako.....	8	6	-	-	1	-	-	-
Stikine.....	-	-	-	-	-	-	-	-
Kitimat-Stikine.....	5	1	-	1	1	2	-	-
Skeena.....	5	5	-	-	-	-	-	-
Omineca.....	**23**	**14**	**-**	**2**	**2**	**3**	**-**	**1**
Peace River-Liard....	1	-	-	-	-	-	-	-
Peace.....	**1**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
PROVINCE.....	**28 457**	**19 558**	**2 164**	**1 049**	**2 272**	**374**	**2 380**	**661**

Source: Census of Agriculture for B.C., figures as of June 3, 1981.

SMALL FRUITS 1981

DISTRICTS AND REGIONS	Total Area	Strawberries	Raspberries	Grapes	Other
	acres				
East Kootenay.....	2	1	1	-	1
Central Kootenay.....	49	39	8	-	9
Kootenay.....	**51**	**40**	**9**	**-**	**10**
Kootenay Boundary....	3	2	1	-	1
Okanagan-Similkameen.	1 403	21	4	1 377	6
Central Okanagan.....	1 555	32	6	1 515	8
North Okanagan.....	106	34	14	53	19
Columbia-Shuswap.....	65	43	15	2	20
Okanagan.....	**3 132**	**132**	**40**	**2 947**	**54**
Thompson-Nicola.....	49	11	6	32	6
Squamish-Lillooet....	6	5	1	-	1
Thompson.....	**55**	**16**	**7**	**32**	**7**
Central Fraser Valley	5 561	1 773	2 887	75	3 714
Dewdney-Alouette.....	567	139	92	1	397
Fraser-Cheam.....	571	93	429	1	477
Greater Vancouver....	3 509	856	200	3	2 650
Sunshine Coast.....	8	2	1	-	6
Powell River.....	7	2	1	-	4
Mainland.....	**10 223**	**2 895**	**3 610**	**80**	**7 248**
Capital.....	131	69	21	23	40
Cowichan Valley.....	27	15	3	-	12
Nanaimo.....	51	22	4	1	28
Alberni-Clayoquot....	36	29	8	-	7
Comox-Strathcona.....	48	19	9	-	20
Mt. Waddington.....	-	-	-	-	-
Island.....	**293**	**154**	**45**	**24**	**116**
Cariboo.....	6	4	2	-	2
Central Coast.....	1	-	-	-	1
Cariboo.....	**7**	**4**	**2**	**-**	**3**
Fraser-Ft. George....	7	5	1	-	2
Bulkley-Nechako.....	5	-	1	-	5
Stikine.....	-	-	-	-	-
Kitimat-Stikine.....	10	5	4	-	5
Skeena.....	-	-	-	-	-
Omineca.....	**22**	**10**	**6**	**-**	**12**
Peace River-Liard....	6	5	1	-	-
Peace.....	**6**	**5**	**1**	**-**	**-**
PROVINCE.....	**13 789**	**3 256**	**3 720**	**3 083**	**7 450**

Source: Census of Agriculture for B.C., figures as of June 3, 1981.

LIVESTOCK

The British Columbia livestock industry continued to strengthen in 1981. Farm cash receipts from the sale of cattle, calves, hogs, sheep and lambs reached $166 million, an increase of 7.3% over the previous year. Cash receipts received by hog producers increased 31% to a record high of $44 million.

LIVESTOCK: NUMBERS & VALUE, BRITISH COLUMBIA
July 1, 1980 and 1981

	July 1, 1980		Census	July 1, 1981	
	Head	Value/Head	July 3/81	Head	Value/Head
	000	$	000	000	$
Cattle:					
Beef Cows.....	242	850	233.9	234.0	750
Beef Heifers.....	54	620	56.9	57.0	600
Dairy Cows.....	81	1200	89.3	89.0	1450
Dairy Heifers.....	33	820	38.7	38.5	1050
Steers.....	74	543	79.1	77.0	539
Bulls.....	16.5	1150	18.4	18.5	1300
Calves.....	224	198	242.1	242.0	206
Total Cattle & Calves	749.5	623	789.8	787.0	626
Pigs:					
Breeding Stock, 6 mths. & over					
- Boars.....	1.9	111	30.3	1.8	155
- Sows & gilts.....	26.0	172		28.5	170
Total.....	27.9	168	30.3	30.3	169
Market Pigs all ages...					
- under 20 kg.....	66.0	28		72.8	39
- 20 to 60 kg.....	69.0	54	224.6	79.1	75
- over 60 kg.....	57.1	98		72.8	137
Total Pigs.....	192.1	58	254.9	224.7	83.4
Sheep:					
Sheep, 1 yr. & over....	30.5	85	34.3	33.4	100
Lambs, under 1 yr.....	29.5	85	32.6	32.0	96
Total Sheep & Lambs	60.0	85	66.9	65.4	98

Source: Statistics Canada, Catalogue 23-005, 23-004 and 21-003

CATTLE AND CALVES

The total number of cattle and calves was estimated at 778,000 head as of July 1, 1981. This was a slight decrease from the 787,000 estimated a year earlier. Minor increases were shown for the number of milk cows, and dairy heifers, while beef cows, bulls, steers and calves all decreased slightly.

The average price of A1, 2 steers weighing over 1,000 pounds at Calgary fell from about 77/cwt in January to 66/cwt in December. Good feeder steers also showed a decline, falling from 80.39 cwt in January to 68.58 in December. The demand for manufacturing quality beef remained stable, resulting in prices for cows grade D1, 2 reaching a high of 54.57 in April before falling off to 40.45 in December.

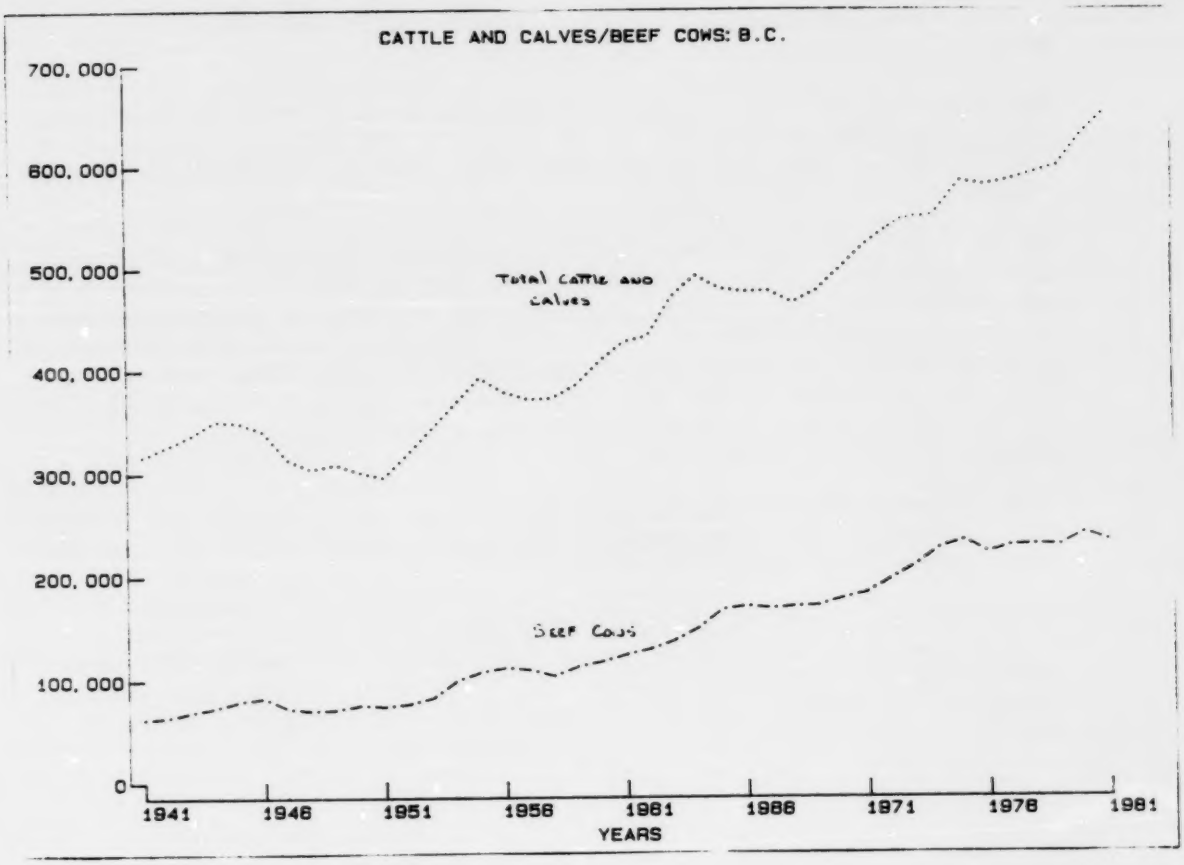
A total of 67,531 cattle and calves were shipped to other Provinces in 1981. This was a decrease of 22.5 percent from 1980. About 60 percent of the animals shipped eastward were destined for Alberta and 40 percent went to Ontario. In addition to the number of cattle and calves shipped to other Canadian provinces, 24,790 head of British Columbia cattle were exported to the United States in 1981.

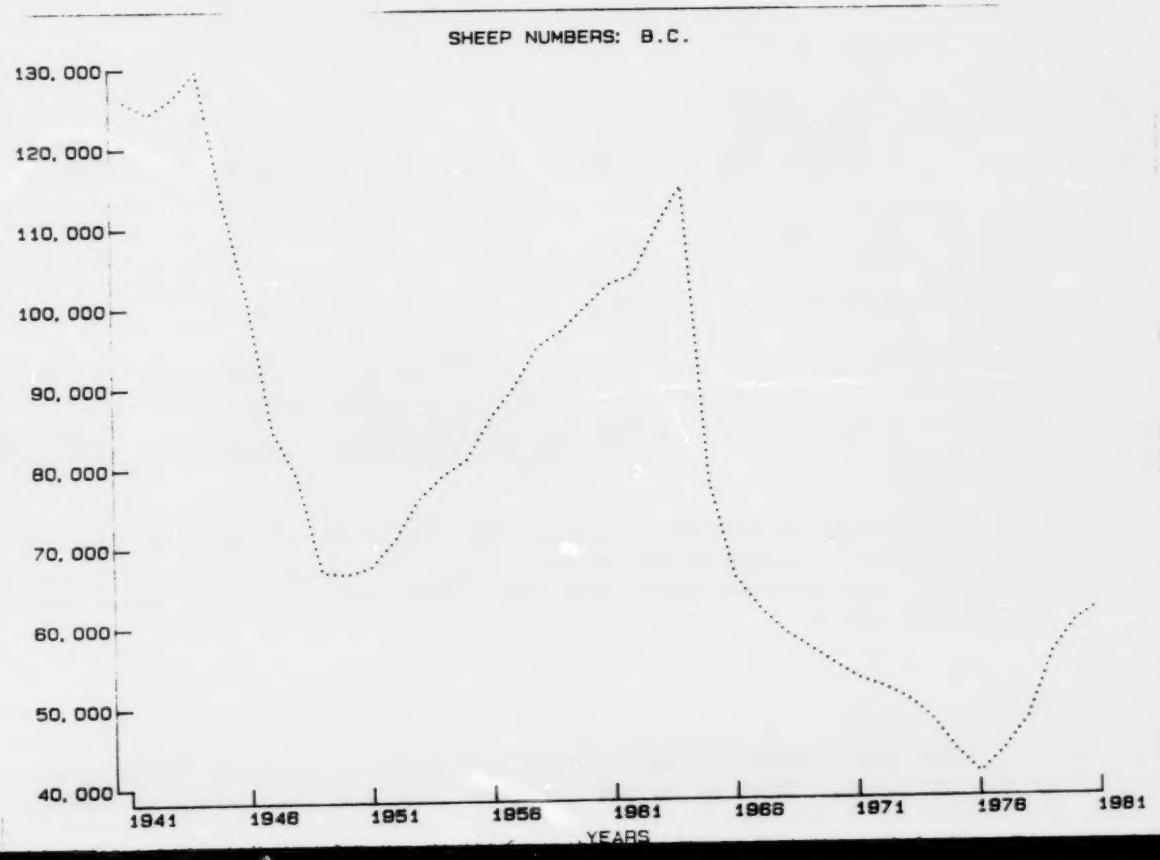
CATTLE NUMBERS BY REGION: BRITISH COLUMBIA

June 3, 1981

Region	Total Cattle & Calves	Bulls	Milk Cows	Milk Heifers	Beef Cows	Beef Heifers	Slaughtered Heifers	Steers	Calves
	000 head								
Kootenay...	41.5	1.1	2.6	1.2	14.7	3.2	1.2	4.0	14.1
Okanagan...	110.9	2.8	10.5	3.9	34.3	7.7	3.4	10.3	35.4
Thompson...	146.7	4.5	1.0	0.5	55.9	13.7	9.0	11.4	14.6
Mainland...	159.0	2.1	56.9	26.1	12.3	4.2	3.6	13.6	35.5
Island.....	33.8	0.9	9.1	4.0	5.9	1.9	1.0	1.8	7.8
Cariboo....	131.4	3.2	2.8	0.8	49.1	10.8	6.0	14.9	37.0
Omineca....	84.9	2.0	3.8	1.5	29.9	7.7	3.0	7.7	25.6
Peace.....	81.6	2.0	2.7	0.8	31.8	7.8	8.3	6.1	26.7
TOTAL....	**789.8**	**18.4**	**89.3**	**38.7**	**252.0**	**81.0**	**31.5**	**79.0**	**233.0**

Source: Census of Agriculture for B.C.


CATTLE AND CALVES/BEEF COWS: B.C.
700, 000
600, 000
500, 000
400, 000
300, 000
200, 000
100, 000
0
Total cattle and calves
Beef Cows
1941
1946
1951
1956
1961
1966
1971
1976
1981
YEARS


SHEEP NUMBERS: B.C.
130, 000
120, 000
110, 000
100, 000
90, 000
80, 000
70, 000
60, 000
50, 000
40, 000
1941
1946
1951
1956
1961
1966
1971
1976
1981
YEARS

SWINE

The Census of Agriculture reported 255,000 pigs on farms as of July 1, 1981. This was an increase of 4% over the 245,000 pigs estimated at July 1, 1980. Over 58% of the total pigs were located in Lower Fraser Valley.

The year 1981 was one of hope and disappointment for the swine industry in the province. After the apparent disaster of last year in terms of hog pricing, the outlook and forecasts were for reduced pig numbers and increased prices in the new year. The reduction in numbers did not materialize and although prices did improve during the summer, they were not sustained into fall and winter.

SHEEP

Sheep numbers rose to 65,400 head at July 1, 1981, from 60,000 head a year earlier. Although numbers increased, sheep producers did not enjoy there best year.

Prices for slaughter lambs during the first half of the year and until late August were similiar to those received in 1980 while feed prices remained high. Despite the declining feed price in the last quarter, slaughter and feeder lamb prices were down significantly. Exports to the U.S. were down while imports were up.

HORSES

The Census of Agriculture counted 39,356 horses on B.C. farms in 1981. A survey was conducted in 1980 to determine the total number of horses located on other holdings, e.g. racing, stables, boarding horses, etc. The results of the survey are as follows:

	Estimated # of Horses	Avg. Value/Head	Total Value	Avg. Annual Expenditure/Head	Total Annual Expenditure
		$	$	$	$
Racing	3,000	6,000	18,000,000	15,000	45,000,000
Top Competition	250	20,000	5,000,000	12,000	3,000,000
General Competition	5,000	3,000	15,000,000	5,000	25,000,000
Pleasure & Range	55,000	900	49,500,000	1,500	82,500,000
	63,250	1,383	87,500,000	2,458	155,500,000

These are approximate figures and could be altered by further investigation. Expenditures include feed, stabling, tack, clothing, transportation, training fees, show fees, veterinary expenses, stud fees and farrier costs.

GOATS

The 1981 Census of Agriculture indicated a total of 8,795 goats in the province. This is an 80% increase from the 1976 total of 4,880.

OUT-OF-PROVINCE CATTLE SHIPMENTS, BRITISH COLUMBIA
1980 and 1981

	1980	1981
	# of head	
To Other Provinces:		
January	5 224	3 125
February	3 846	1 199
March	3 938	2 552
April	4 214	2 036
May	3 431	2 697
June	1 136	1 864
July	1 202	1 232
August	2 831	2 256
September	11 115	8 785
October	19 206	16 746
November	23 128	15 616
December	7 895	9 423
Year	87 216	67 531
To United States:	22 096	24 790
Total	109 312	92 321

Source: Cattle Shipments to other Provinces, B.C.M.A.F., Veterinary Branch
Cattle Shipments to United States, Health of Animals Branch, Agriculture Canada

PER CAPITA MEAT CONSUMPTION: CANADA
1974 - 1981

	1974	1975	1976	1977	1978	1979	1980	1981
	lbs. per capita per year							
Beef	96.3	107.0	113.2	107.9	100.9	88.1	87.7	90.2
Veal	3.5	5.2	4.9	4.8	3.9	3.1	3.1	3.4
Mutton & Lamb	2.5	3.0	2.1	1.8	1.9	2.3	1.75	1.5
Pork	62.1	53.3	55.3	55.5	57.8	65.5	71.3	69.4
ALL MEATS	164.4	168.5	175.5	170.0	164.5	159.0	163.85	164.5

Domestic per capita disappearance based on carcass weight

Source: Statistics Canada, Catalogue 22-220

LIVESTOCK SLAUGHTER: BRITISH COLUMBIA
1979 to 1981

		1979	1980	1981
Federally Inspected Plants:				
Cattle	head	52 860	61 840	68 601
Average warm weight	lbs./head	583.1	586.0	574.5
Calves	head	7 340	11 006	12 085
Average warm weight	lbs./head	206	192.8	168.7
Hogs	head	127 484	230 216	299 604
Average warm weight	lbs./head	166.0	162.8	163.1
Sheep & Lambs	head	3 644	3 290	6 068
Average warm weight	lbs./head	46.4	44.2	40.8
Plants Under Domestic Inspection:				
Cattle	head	39 540	28 097	18 972
Calves	head	12 131	9 652	3 492
Hogs	"	34 184	40 552	27 745
Sheep & Lambs	"	4 146	3 037	2 054
Plants Under Brand Inspection:				
Cattle	head	12 968	12 851	9 014
Calves	"	1 397	1 696	1 440
Hogs	"	13 712	15 583	17 965
Sheeps & Lambs	"	1 303	1 752	1 684
TOTAL:				
Cattle	head	82 883	91 587	96 907
Calves	"	17 490	20 668	21 357
Hogs	"	79 675	102 258	345 314
Sheep & lambs	"	9 440	9 070	9 570

Source: Agriculture Canada, Livestock and Veterinary Branch Inspection, B.C.M.A.F.

LIVESTOCK PRICES: CALGARY
1980 & 1981

	A1 AND A2 STEERS		A1 AND A2 HEIFERS		D1 AND D2 COWS	
	1980	1981	1980	1981	1980	1981
	$ per 100 lbs.					
January.....	78.45	77.76	75.83	75.44	56.62	49.18
February.....	75.52	72.71	73.39	70.05	55.57	49.80
March.....	72.74	71.91	69.26	69.29	52.84	51.30
April.....	69.98	76.81	68.13	73.85	52.84	54.57
May.....	72.24	79.09	69.73	74.96	49.45	53.39
June.....	71.77	78.55	68.00	75.07	47.17	52.82
July.....	74.65	76.38	71.31	69.05	48.97	53.55
August.....	77.13	75.36	73.23	69.46	55.03	53.07
September.....	77.61	72.28	74.19	68.92	53.43	50.98
October.....	77.96	72.30	76.95	70.34	52.37	44.17
November.....	79.24	70.25	78.48	68.04	49.36	40.38
December.....	80.31	66.51	78.48	63.77	49.81	40.45
YEAR	74.59	73.93	72.65	70.97	51.77	48.52

Source: Agriculture Canada
Livestock and Meat Trade Report

LIVESTOCK PRICES: EDMONTON
1980 & 1981

	Good Feeder Steers over 800 Lbs.		Index 100 Hogs		Good Lambs A & B over 80 Lbs.	
	1980	1981	1980	1981	1980	1981
	$ per 100 lbs.					
January.....	86.00	80.39	53.48	62.35	73.00	65.00
February.....	85.35	77.00	54.82	63.22	65.07	63.84
March.....	80.65	76.10	51.35	59.89	65.00	65.63
April.....	72.99	76.68	43.03	59.14	67.00	-
May.....	71.33	74.53	44.70	59.79	-	-
June.....	69.84	74.99	47.33	70.71	73.00	73.41
July.....	75.02	75.78	53.71	77.19	73.50	70.00
August.....	77.75	73.70	63.58	75.71	62.01	62.71
September.....	77.63	72.36	69.88	78.86	60.41	53.83
October.....	77.88	70.60	71.13	75.27	62.71	48.20
November.....	79.58	67.59	68.46	68.67	62.18	53.26
December.....	80.49	68.58	69.14	66.43	60.00	53.39
YEAR.....	77.59	73.20	57.22	67.81	62.85	56.85

Note: Alberta prices are shown as they serve as a guide for British Columbia prices
Source: Agriculture Canada
Livestock and Meat Trade Report

CATTLE NUMBERS 1981

DISTRICTS AND REGIONS	Total Cattle	Dairy Cows	Dairy Heifers	Beef Cows	Beef Heifers	Slaughter Heifers	Steers	Bulls	Calves
East Kootenay.....	28 100	706	369	11 104	2 240	746	1 653	763	10 519
Central Kootenay.....	13 400	1 868	814	3 632	954	449	1 331	361	3 991
Kootenay.....	**41 500**	**2 574**	**1 183**	**14 736**	**3 194**	**1 195**	**2 984**	**1 124**	**14 510**
Kootenay Boundary....	18 607	1 158	185	6 911	1 749	596	1 164	565	6 279
Okanagan-Similkameen.	28 646	239	44	11 510	2 186	1 246	3 137	891	9 393
Central Okanagan.....	7 177	222	114	2 524	581	501	716	168	2 351
North Okanagan.....	36 396	5 199	2 159	8 428	1 915	2 348	5 224	700	10 423
Columbia-Shuswap.....	20 024	3 644	1 433	4 893	1 219	670	1 818	519	5 828
Okanagan.....	**110 850**	**10 462**	**3 935**	**34 266**	**7 650**	**5 361**	**12 059**	**2 843**	**34 274**
Thompson-Nicola.....	141 474	1 013	x	53 831	13 013	x	14 775	4 351	45 156
Squamish-Lillooet....	5 238	21	x	2 037	642	x	412	127	1 822
Thompson.....	**146 712**	**1 034**	**482**	**55 868**	**13 655**	**9 030**	**15 187**	**4 478**	**46 978**
Central Fraser Valley	65 074	22 836	11 259	5 543	2 063	862	4 219	986	17 306
Dewdney-Alouette.....	21 219	7 107	3 176	1 590	418	638	3 782	213	4 295
Fraser-Cheam.....	45 326	20 289	8 175	2 895	787	859	1 350	474	10 497
Greater Vancouver....	27 009	6 621	3 481	2 202	874	1 200	6 768	306	5 467
Sunshine Coast.....	85	8	x	20	8	x	4	4	28
Powell River.....	314	31	x	83	27	x	36	16	103
Mainland.....	**159 027**	**56 892**	**26 101**	**12 333**	**4 177**	**3 580**	**16 159**	**2 089**	**37 696**
Capital.....	6 223	1 405	668	1 194	398	214	469	168	1 707
Cowichan Valley.....	12 135	3 701	1 573	1 891	575	304	758	202	3 131
Nanaimo.....	5 295	992	424	1 202	390	223	381	95	1 588
Alberni-Clayoquot....	1 620	466	260	214	70	53	145	32	380
Comox-Strathcona.....	8 528	2 496	1 071	1 368	457	217	548	137	2 184
Mt. Waddington.....	-	-	-	-	-	-	-	-	-
Island.....	**33 801**	**9 060**	**3 996**	**5 869**	**1 890**	**1 011**	**2 301**	**684**	**8 990**
Cariboo.....	131 033	2 791	x	48 960	10 800	x	15 496	3 180	43 014
Central Coast.....	385	17	x	144	30	x	38	12	114
Cariboo.....	**131 418**	**2 808**	**798**	**49 104**	**10 830**	**6 024**	**15 534**	**3 192**	**43 128**
Fraser-Ft. George....	23 694	1 220	462	8 069	2 259	1 130	2 595	609	7 350
Bulkley-Nechako.....	57 424	2 364	963	20 534	5 236	1 663	5 964	1 262	19 448
Stikine.....	-	-	-	-	-	-	-	-	-
Kitimat-Stikine.....	3 528	163	42	1 194	x	x	x	x	x
Skeena.....	238	3	-	113	x	x	x	x	x
Omineca.....	**84 884**	**3 750**	**1 467**	**29 910**	**7 657**	**2 950**	**9 214**	**1 966**	**27 970**
Peace River-Liard....	81 649	2 699	778	31 825	7 800	2 314	5 673	2 001	28 559
Peace.....	**81 649**	**2 699**	**778**	**31 825**	**7 800**	**2 314**	**5 673**	**2 001**	**28 559**
PROVINCE.....	**789 841**	**89 279**	**38 740**	**233 911**	**56 853**	**31 465**	**79 111**	**18 377**	**242 105**

Source: Census of Agriculture for B.C., figures as of June 3, 1981.

x - Figures suppressed to retain confidentiality

LIVESTOCK NUMBERS 1981

DISTRICTS AND REGIONS	Cattle on Feed	Hens and Chickens				Turkeys	Goats	Horses
		Total	Hens	Pullets	Other			
East Kootenay.....	896	17 258	13 068	1 507	2 683	407	79	1 602
Central Kootenay.....	1 974	39 593	33 158	2 404	4 031	228	235	700
Kootenay.....	**2 870**	**56 851**	**46 226**	**3 911**	**6 714**	**635**	**314**	**2 302**
Kootenay Boundary....	1 039	12 020	4 370	3 708	3 942	394	133	693
Okanagan-Similkameen.	3 374	49 934	22 716	16 622	10 596	x	77	1 501
Central Okanagan.....	879	99 304	51 492	28 925	18 887	639	148	1 152
North Okanagan.....	5 509	212 541	28 480	11 241	172 820	1 302	454	1 909
Columbia-Shuswap.....	1 867	186 339	133 554	45 001	7 784	391	425	1 062
Okanagan.....	**12 668**	**560 138**	**240 612**	**105 497**	**214 029**	**x**	**1 237**	**6 317**
Thompson-Nicola.....	10 994	85 961	60 023	18 621	7 317	x	337	4 039
Squamish-Lillooet....	457	3 024	1 508	660	856	103	46	180
Thompson.....	**11 451**	**88 985**	**61 531**	**19 281**	**8 173**	**x**	**383**	**4 219**
Central Fraser Valley	4 781	6 055 167	1 746 540	863 261	3 445 366	331 131	1 606	3 789
Dewdney-Alouette.....	3 689	156 957	23 506	6 343	127 108	35 925	298	505
Fraser-Cheam.....	2 903	710 435	248 864	205 736	255 835	x	572	798
Greater Vancouver....	6 978	1 063 172	69 706	49 957	943 509	228 266	644	2 593
Sunshine Coast.....	19	1 445	815	410	220	x	57	40
Powell River.....	70	4 557	2 241	912	1 404	112	93	79
Mainland.....	**18 440**	**7 991 733**	**2 091 672**	**1 126 619**	**4 773 442**	**595 585**	**3 270**	**7 804**
Capital.....	1 177	585 233	118 354	19 265	447 614	548	403	590
Cowichan Valley.....	905	310 161	114 950	36 501	158 710	x	377	531
Nanaimo.....	662	72 347	x	x	x	253	114	397
Alberni-Clayoquot....	177	2 359	x	x	x	182	11	84
Comox-Strathcona.....	601	35 054	28 347	x	x	410	99	387
Mt. Waddington.....	-	-	-	-	-	-	-	-
Island.....	**3 522**	**1 005 154**	**282 085**	**63 269**	**659 800**	**x**	**1 004**	**1 989**
Cariboo.....	6 372	29 405	10 706	6 502	12 197	2 123	x	4 851
Central Coast.....	45	276	186	62	28	x	x	39
Cariboo.....	**6 417**	**29 681**	**10 892**	**6 564**	**12 225**	**x**	**1 017**	**4 890**
Fraser-Ft. George....	3 180	101 640	58 369	28 195	15 076	865	385	1 320
Bulkley-Nechako.....	3 344	x	x	x	x	770	355	2 484
Stikine.....	-	-	-	-	-	-	-	-
Kitimat-Stikine.....	x	x	x	x	x	210	79	279
Skeena.....	x	x	x	x	x	-	12	29
Omineca.....	**7 141**	**179 048**	**104 851**	**47 080**	**27 117**	**1 845**	**831**	**4 112**
Peace River-Liard....	4 983	64 281	33 867	14 721	15 693	2 184	739	7 723
Peace.....	**4 983**	**64 281**	**33 867**	**14 721**	**15 693**	**2 184**	**739**	**7 723**
PROVINCE.....	**67 492**	**9 975 871**	**2 871 736**	**1 386 942**	**5 717 193**	**711 623**	**8 795**	**39 356**

Source: Census of Agriculture for B.C., figures as of June 3, 1981

x - Figures suppressed to retain confidentiality

BRITISH COLUMBIA

LIVESTOCK NUMBERS

1941 to 1981

Year	Total Cattle & Calves	Beef Cows	Milk Cows	Total Sheep & Lambs	Total Pigs
1941	325 500	62 600	92 500	125 900	78 200
1942	338 500	64 400	95 400	124 300	79 000
1943	363 000	69 600	99 300	126 300	83 800
1944	369 300	73 900	104 100	129 700	88 800
1945	387 700	80 000	109 900	114 000	60 500
1946	377 600	82 900	106 300	101 300	58 000
1947	349 200	72 300	101 400	84 700	64 500
1948	339 900	70 300	96 200	79 000	55 600
1949	328 100	71 500	94 100	66 900	48 500
1950	337 000	75 800	92 900	66 600	52 600
1951	321 300	74 300	84 600	67 500	49 400
1952	327 000	77 000	85 000	71 000	60 500
1953	353 000	83 000	87 000	76 000	42 500
1954	386 000	100 000	89 000	79 000	46 000
1955	404 000	108 000	90 000	81 000	55 500
1956	422 900	112 000	90 200	86 100	48 400
1957	401 000	110 000	86 000	90 000	40 000
1958	409 000	104 000	89 000	95 000	50 000
1959	423 000	113 000	88 000	97 000	63 000
1960	433 000	118 000	91 000	100 000	46 000
1961	461 800	124 700	91 900	102 800	41 600
1962	477 000	130 000	92 000	104 000	42 000
1963	504 000	138 000	89 000	110 000	38 000
1964	535 000	150 000	86 000	115 000	41 000
1965	557 000	168 000	84 000	78 000	39 000
1966	546 000	171 300	81 100	65 900	37 400
1967	544 000	169 000	81 000	62 000	50 000
1968	540 000	171 000	82 000	59 000	53 000
1969	536 000	172 000	79 000	57 000	51 000
1970	541 000	179 000	80 000	55 000	63 000
1971	573 200	184 300	80 500	53 100	70 200
1972	594 000	198 000	80 000	52 000	55 800
1973	618 000	211 000	80 000	50 500	53 000
1974	662 000	228 000	80 000	48 000	54 800
1975	685 000	235 000	81 000	44 000	54 000
1976	703 500	223 000	81 500	41 000	58 200
1977	712 000	230 000	82 000	44 000	65 200
1978	714 000	230 500	83 500	48 000	82 250
1979	722 500	230 000	78 000	56 000	138 000
1980	749 500	242 000	81 000	60 000	224 750
1981	787 000	234 000	89 000	65 400	253 500

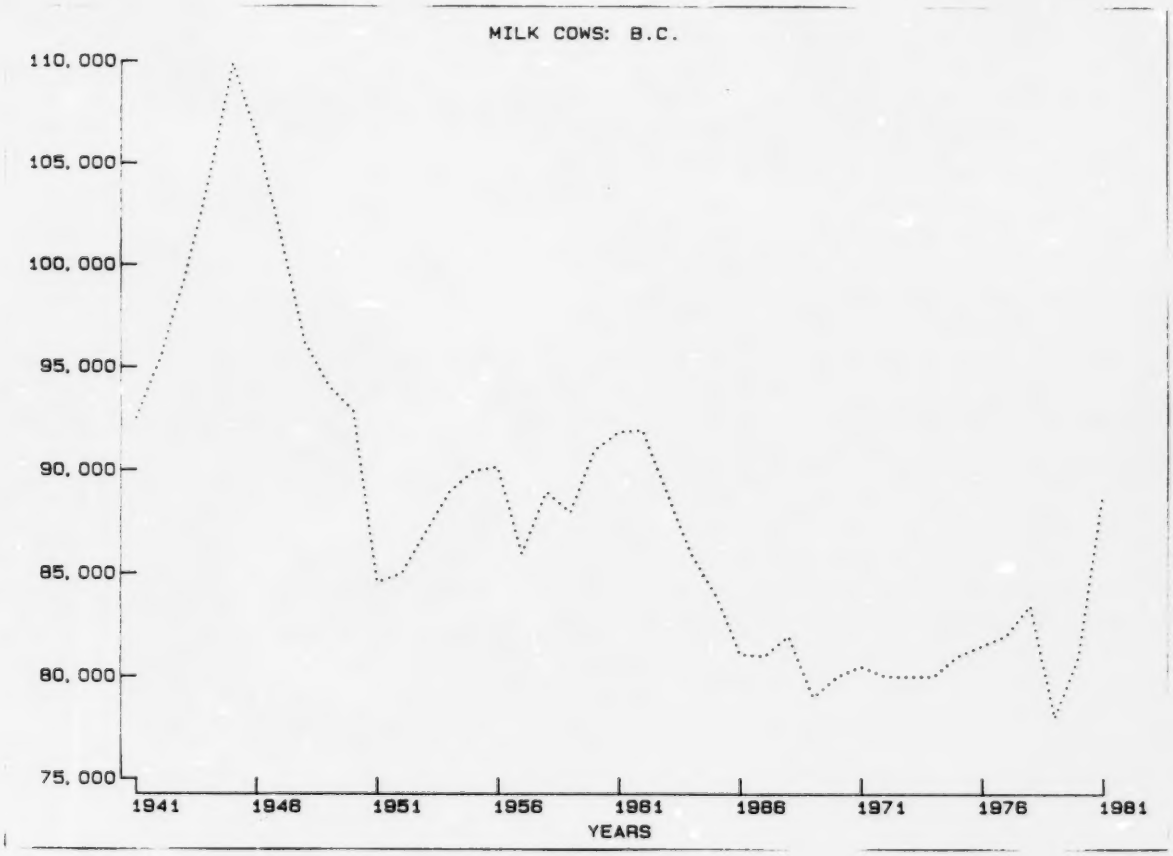
Source: Statistics Canada, Catalogue 21-008

DAIRY

The dairy industry continued to be the largest single source of farm income for B.C. farmers. Farm cash receipts from the sale of dairy products in 1981, amounted to over $195 million, an increase of 10.8% over the 1980 total of $174 million. The majority of milk production originates in the Lower Fraser Valley where conditions are ideal for dairy cattle.

Consolidation within the production sector of the dairy industry continued in 1981 with eleven fewer farms in production at year end than at the beginning. The remaining 1,118 farms increased total production to 474.7 million litres compared to 459 million litres in 1980.

Fluid milk retail sales in Milk Board areas of production increased to 314.1 million litres. Butter production was down to 2,253 tonne from 2,331 tonne in 1980. Cheddar cheese production fell 146 tonne to 2,240 tonne. Cottage cheese production, showed an increase of 21.7% from 5,387 tonne in 1980 to 6,879 tonne in 1981. Yogurt production also increased from 4,989 kilolitres to 5,106 kilolitres in 1981.



MILK COW AND HEIFER NUMBERS: BRITISH COLUMBIA
July 1, 1980 and 1981

REGION	MILK COWS		MILK HEIFERS	
	July 1, 1980	July 1, 1981	July 1, 1980	July 1, 1981
	'000 head		'000 head	
Kootenay.....	2.0	2.6	0.8	1.2
Okanagan.....	9.3	10.5	3.8	3.7
Thompson.....	0.9	1.0	0.3	0.5
Lower Mainland....	53.8	56.9	22.3	26.1
Island.....	8.4	9.1	3.7	4.0
Cariboo.....	1.2	2.7	0.3	0.8
Omineca.....	3.4	3.7	1.2	1.5
Peace.....	2.0	2.6	0.6	0.8
PROVINCE.....	81.0	89.0	33.0	38.5

Source: Provincial totals; Statistics Canada, Catalogue 23-004
Regional totals; B.C.M.A.F.

MILK: PRODUCTION & NET SALES VALUE, BRITISH COLUMBIA
1980 and 1981

	Production		Total Cash Receipts	
	1980	1981	1980	1981
	kilolitres		'000s	
Milk for Fluid Purposes.....	305 378	314 103	128 443	142 583
Milk for Industrial Purposes.....	154 543	160 630	45 738	53 098
Federal Subsidy Payments.....			7 883	9 440
Total Milk Shipments.....	459 921	474 733	182 064	205 121

Source: Statistics Canada, Catalogue 23-201

PRODUCTION OF SPECIFIED DAIRY PRODUCTS, BRITISH COLUMBIA
1980 and 1981

	1978	1979	1980	1981
Creamery Butter..tonnes	2 107	2 699	2 331	2 253
Cheddar Cheese...tonnes	1 011	2 117	2 386	2 240
Cottage Cheese...tonnes	3 978	4 078	5 387	6 879
Ice Cream Mix....tonnes	17 916	19 749	20 201	20 446
Yogurt.....kilolitres	3 847	4 732	4 989	5 106

Source: Statistics Canada, Catalogue 23-201

PER CAPITA DISAPPEARANCE OF DAIRY PRODUCTS & MARGARINE, CANADA
1965 to 1980

Year	Fluid Products	Creamery Butter	Skim Milk Powder	Evaporated Milk	Condensed Milk	Ice Cream
	(L)	(kg.)	(kg.)	(kg.)	(kg.)	(L)
1965	134.72	8.21	3.20	6.47	.41	11.91
1966	130.22	7.87	3.70	6.36	.47	12.14
1967	125.54	7.49	3.10	6.04	.51	12.50
1968	121.14	7.29	3.54	5.86	.52	12.23
1969	117.43	6.96	4.58	5.42	.43	12.59
1970	116.56	6.98	2.83	5.16	.33	12.73
1971	112.69	6.90	2.29	5.02	.31	12.64
1972	113.81	6.59	2.15	4.77	.33	12.68
1973	114.10	6.02	2.35	4.46	.39	12.46
1974	113.64	5.89	2.58	4.13	.36	12.46
1975	109.24	5.27	2.76	3.76	.31	12.68
1976	111.04	5.08	2.83	3.71	.28	12.14
1977	110.67	4.60	3.51	3.95	.34	12.51
1978	113.23	4.47	.92	4.33	.37	12.24
1979	112.74	4.47	2.19	2.48	.38	12.99
1980	109.98	4.52	1.80	2.26	.54	13.01

	Cottage Cheese	Process Cheese	Cheddar Cheese	Other Cheese	Margarine
	(kg.)	(kg.)	(kg.)	(kg.)	(kg.)
1965	.71	1.74	1.55	.84	3.93
1966	.72	1.91	1.33	.93	4.04
1967	.73	1.88	1.52	1.05	4.13
1968	.75	1.97	1.51	1.21	4.28
1969	.83	2.09	1.63	1.39	4.39
1970	.93	2.04	1.88	1.48	4.23
1971	.99	2.15	1.86	1.70	4.19
1972	1.03	2.36	1.91	1.71	4.40
1973	1.10	2.50	2.24	1.81	4.47
1974	1.03	2.59	2.06	2.58	4.88
1975	1.02	2.55	2.02	2.55	5.28
1976	1.07	2.69	1.66	2.78	5.51
1977	1.11	2.74	1.47	2.97	5.86
1978	1.13	2.98	1.09	3.40	5.94
1979	1.14	2.81	1.47	3.61	5.39
1980	1.20	2.94	1.49	3.68	5.41

Source: Statistics Canada, Catalogue 23-201

MILK PRODUCTION PER CAPITA, CANADA & BRITISH COLUMBIA
1977 to 1981

CANADA

Year	Population ('000's)	Total Milk Sold Off Farms (M.L.)	Milk Consumption Per Capita (L)
1977	23 276	6 976	300
1978	23 523	6 864	292
1979	23 761	6 891	290
1980	24 046	7 179	299
1981	24 331	7 318	301

B.C.

Year	Population ('000's)	Total Milk Sold Off Farms (M.L.)	Milk Consumption Per Capita (L)
1977	2 499	411	164
1978	2 542	413	162
1979	2 591	437	169
1980	2 664	460	173
1981	2 740	475	173

Source: Statistics Canada, Catalogue 23-201

POULTRY AND EGGS

Poultry production in British Columbia is highly specialized and consists of two main sectors: eggs and poultry meat. The industry is primarily located in the Lower Fraser Valley, although a good portion exists in the Okanagan and on Vancouver Island. In all, there are about 560 commercial egg and poultry producers.

POULTRY NUMBERS ON FARMS, BRITISH COLUMBIA

1976 and 1981

	June 1, 1976	June 1, 1981
	number	
Chickens:		
Hens and Pullets for laying:		
5 months & over, kept for laying...	2 649 816	2 641 000
Under 5 months, intended for laying	1 367 079	1 209 000
Other Chickens for Meat Production:		
Broilers (all ages).....	5 326 047	4 013 000
Roasters (all ages).....	n/a	368 000
All other Hens & Chickens.....	199 729	87 000
TOTAL CHICKENS.....	9 772 121	8 318 000
Other Poultry:		
Geese (all ages).....	11 570	1 152
Ducks (all ages).....	17 642	28 211

Source: Agriculture Canada, Poultry Market Review.

POULTRY

A total of 89 million pounds of chicken meat were processed in registered grading stations in 1981, an increase of 11.8 percent over 1980. Turkey meat however, declined 10.3 per cent to 18.4 million pounds, down from the 20.5 million pounds processed in 1980. There was also 6 million pounds of fowl handled by registered stations.

Total farm cash receipts from the sale of poultry jumped to 82 million in 1981, up from the 66.3 million received in 1980. This was an increase of 23.8 per cent.

POULTRY OUTPUT FROM REGISTERED STATIONS, BRITISH COLUMBIA

1977 to 1981

	1977	1978	1979	1980	1981
	-eviscerated weight—equivalent '000 lbs.-				
Chickens:					
vUnder 4 lbs.....	56 834	67 529	82 705	74 924	82 782
4 lbs. & over.....	4 393	5 360	6 705	4 878	6 424
TOTAL CHICKENS.....	61 227	72 889	89 463	79 802	89 206
Fowl.....	5 932	5 404	4 967	4 041	6 031
Turkeys:					
10 lbs. & under.....	4 329	4 164	5 335	4 868	4 673
Over 10 lbs. & under 16 lbs.....	5 093	5 364	4 880	5 341	6 364
16 lbs. & over.....	10 229	9 833	10 035	10 292	7 362
TOTAL TURKEYS.....	19 651	19 361	20 250	20 501	18 399
Ducks.....	20	13	4	15	125
Geese.....	6	3	3	12	11
TOTAL.....	86 836	97 670	114 687	104 371	113 672

Source: Agriculture Canada, Poultry Market Review

EGGS

Farm cash receipts from the sale of eggs topped the 60 million dollar mark in 1981. This was the result of 61.2 million dozen of eggs produced. The continued expansion in B.C. population will ensure a strong demand for eggs.

PRODUCTION & DISPOSITION OF EGGS, BRITISH COLUMBIA

1977 to 1981

		1977	1978	1979	1980	1981
Production:						
Average # of layers.....	'000	2 798	2 723	2 800	2 970	2 889
Eggs per 100 layers.....	No.	25 046	25 683	25 307	25 252	25 425
Net Production.....	'000 doz.	58 402	58 290	59 077	62 501	61 192
Value of Production.....	$'000	40 454	41 532	47 058	54 540	61 306
Disposition:						
Sold for consumption.....	'000 doz.	54 509	53 962	54 682	57 515	56 411
Value.....	$'000	36 018	35 903	41 158	47 531	53 264
Sold for Hatching.....	'000 doz.	2 923	3 368	3 480	4 102	3 893
Value.....	$'000	3 654	4 815	5 081	6 155	7 203
Consumed by producers....	'000 doz.	970	960	915	884	888
Value.....	$'000	782	814	819	854	929

Source: Statistics Canada, Catalogue 23-202

POULTRY & EGGS: PRICES, BRITISH COLUMBIA

1975 to 1981/#1/

	1975	1976	1977	1978	1979	1980	1981
	cents per pound						
Chicken....	36.1	37.5	37.5	38.0	40.9	42.9	54.6
Turkey.....	41.5	47.0	48.0	50.4	57.1	59.9	65.7
Eggs.....	63.6	69.6	69.0	69.5	75.5	82.4	94.1

/#1/ Prices are weighted average prices to registered producers for all grades.

Source: Agriculture Canada, Poultry Market Review

PER CAPITA DISAPPEARANCE OF POULTRY, MEAT & EGGS, CANADA

1970 to 1981

Year	Total 1 Poultry Meat	Fowl	Chicken	Turkey	Eggs
	pounds				
1970	44.7	3.3	31.3	10.1	32.6
1971	42.9	3.6	29.1	10.2	32.0
1972	44.1	2.9	30.8	10.4	30.9
1973	45.9	3.2	32.5	10.2	29.6
1974	45.1	3.1	31.4	10.6	29.2
1975	41.3	2.8	29.1	9.4	29.1
1976	44.0	2.6	32.2	9.2	28.7
1977	45.5	2.7	33.6	9.2	27.9
1978	47.3	2.7	35.4	9.2	27.3
1979	50.6	2.5	39.0	9.1	28.4
1980	50.4	2.8	38.1	9.5	28.1
1981	49.9	3.0	37.7	9.2	27.6

/#1/ Excluding goose and duck meat

Source: Statistics Canada, Catalogue 23-202

HONEY

Crop Review

The total honey crop during 1981 was 5,182,427 pounds an increase of 25.3% over the 1980 production of 3,871,520 pounds. The average yield per hive was 103 pounds compared to 79 pounds in 1980.

Active beekeepers in the province numbered 5,600, a gain of 174 since 1980. The number of producing hives increases to 50,500 in 1981 from 49,050 in 1980. This increase of 1,450 hives represents a substantial increase in spite of the rising costs of all commodities and inputs essential to the industry.

In recent years, many beekeepers are using their hives to harvest honey from fireweed. This plant flourishes in logged-off areas after such areas have been slash burned. Pure fireweed honey is a beautiful white honey and is much sought after as a gourment food. The market potential for fireweed honey is unlimited and the production of this honey from logged off areas is an excellent example of the multiple use concept.

BEEKEEPERS & HONEY PRODUCTION, BRITISH COLUMBIA

1980 and 1981

REGION	No. of Active Beekeepers		No. of Producing Colonies		HONEY CROP Av. yield/colony		Total Production	
							lbs	
	1980	1981	1980	1981	1980	1981	1980	1981
Kootenay.....	440	458	2 980	3 006	90	105	268 200	365 400
Okanagan.....1	020	1 050	9 213	9 591	80	88	737 040	943 300
Thompson.....	419	437	3 599	3 663	65	123	233 935	504 400
Lower Mainland...1	718	1 753	7 285	7 482	25	53	182 125	441 500
Island.....1	081	1 112	10 847	10 896	60	105	650 820	1 236 000
Cariboo/Omineca..	602	632	3 566	3 466	51	55	181 000	191 827
Peace.....	146	158	11 560	12 306	140	105	1 618 400	1 450 000
Total.... 5	426	5 600	49 050	50 500	79	103	3 871 520	5 123 427

Source: BCMAF, Apiculture Branch

WEATHER

Summary of 1981 Conditions

Best remembered for the abnormally wet weather, 1981 set record rainfalls in a number of areas. The late spring caused many crops to be significantly reduced. September's warm weather allowed haying operations to be completed, and an opportunity to recover some of their crops. November and December were generally dry which was a pleasant relief from the wet weather so prevalent in 1981.

January

First month of 1981 was dry and unusually mild over nearly all of the province. Monthly mean temperatures established new January records at almost all principal stations reaching as high as 11.9 degrees above normal at Smithers. With the exception of the northern coast where precipitation was almost twice normal, precipitation totals were well below average.

February

Above normal temperatures occurred throughout the province during most of February. Generally, the mild temperatures were accompanied by above average precipitation totals ranging from 91% of normal at Langara to 250% of normal at Penticton. However, low lying valleys received amounts in the order of 13% of normal at Kamloops to 84% at Cranbrook.

March

Fine spring weather with above normal temperatures and sunshine with below normal precipitation prevailed across most of British Columbia during March. Precipitation totals varied considerably with McKenzie reporting only 18% of normal and Penticton reporting 22%. In the north and across Vancouver Island it was generally dry while stations in the southern interior reported totals above and below normal.

April

April was a continuation of the wet, dull weather conditions experienced in late March. Temperatures were generally close to normal, but precipitation was above normal throughout most of the province. Record high precipitation totals were reported at several locations, including Prince Rupert, Hope and Terrace. Sunshine was below normal at all but a few sites.

May

The weather in May was generally warm, wet and dull across all of British columbia. Record high mean temperatures were established as were precipitation totals. Most areas received between 150 and 250% of normal precipitation with many sites setting record highs. Vancouver International Airport registered a record 24 days of measurable precipitation, exceeding the old registered a record by 7 days. Hours of bright sunshine averaged about 60-85% of normal.

June

Cool unsettled weather dominated the province for June with temperatures dipping to as much as 3 degrees below normal. Fort Nelson and Fort St., John were the only stations to report below normal precipitation. Nearly all other stations reported over 400% of normal. Hope received the greatest precipitation total in Canada with 258.8 mm.
Vancouver set two records, the most precipitation for June (135.8 mm) and most number of days with measurable precipitation (18 days). As a result, haying operations were delayed.

July

July continued cool and wet across southern districts of the province Although it warmed during the last week, temperatures were still below normal in the south. Northern areas were slightly better off with temperatures above normal by 1 to 2 degrees.

While drought affected wheat in the Peace River, wet weather played havoc with crops in the Okanagan and Fraser Valley. Cranbrook reported the greatest precipitation difference from normal, 383%.

Generally, stations reporting high precipitation totals recorded low bright sunshine totals.

August

With the exception of one coastal station, Ethelds Bay, all of British columbia reported above normal temperatures. Record high means were set at six stations.

Precipitation was quite varied. Stations in the Columbia and Okanagan river valleys, and along the north coast reported near to above normal precipitation, while Prince George set a record low of only 10.8 mm.

September

British Columbia experienced three weeks of sunny skies and warm temperatures, ideal weather for haying operations. Cooler weather with a touch of frost in a few localities occurred during the last week.

Precipitation amounts exceeded 15% of normal at several coastal and interior stations. However, northern locations, particularly Fort Nelson, reported exceedingly dry conditions.

October

Cool unsettled weather occurred during most of October. Temperatures were generally below normal although a short-lived warm spell near the end of the month saw readings climb over 18 degrees Celsius at a number of stations.

Precipitation ranged from above normal along the coast and in the Okanagan Valley, to below normal in the central areas. During the final days of October, disasterous flooding struck the area around Squamish and Pemberton. The flooding caused an estimated $2.6 Million in damages.

November

Mild unsettled weather predominated throughout most of the month. Average temperatures ranged from -11.7 degrees C. at Fort Nelson, to 8.9 degrees C. along the coast.

Precipitation was generally well above normal in coastal areas and below normal in the interior. Ethelds Bay received a total of 791.9 mm or 197.1% of normal, the greatest amount of precipitation in Canada.

December

December began as a typical winter month with mild and wet weather over coastal areas, cool air in southern and central regions and cold air over the north. By the end of December arctic air and a general snowfall covered the province. Generally, temperatures decreased from south to north, ranging from near normal at Vancouver to -23 degrees at Fort St. John.

For most areas the generally dry December was a pleasant change from the wet weather so prevalent during most of 1981. Sunshine was quite variable ranging from a record low total of 67% of normal at Lytton to as much as 175% of normal at Sandspit.

Source: Canadian Weather Review
Atmospheric Environment Service
Environment Canada

WEATHER DATA FOR SELECTED STATIONS: BRITISH COLUMBIA

1981 and Long-Term Averages (LTA)

Reporting Station	Monthly Maximum Temperature		Monthly Minimum Temperature		Monthly Mean Temperature	Total Precipitation		Hours of Bright Sunshine	
	1981	LTA	1981	LTA	1981	1981	LTA	1981	LTA
	Degrees Celsius					mm		hours	
Abbotsford									
January	15.1	4.5	- 2.2	- 1.5	5.8	66.9	209.4	90	67.7
February	15.1	8.0	- 8.8	0.7	5.3	172.7	159.5	105	76.6
March	19.6	10.0	- 1.6	1.2	8.2	144.2	139.3	181	111.9
April	21.6	13.8	- 0.5	3.5	8.8	159.5	102.4	155	163.9
May	25.6	17.6	2.3	6.3	12.6	85.0	78.2	173	208.9
June	25.2	20.1	6.8	9.3	13.4	239.9	64.5	134	217.0
July	29.2	23.4	7.0	10.5	17.1	49.2	41.2	228	290.6
August	36.2	23.1	7.7	10.6	19.0	27.3	55.9	295	245.3
September	32.0	20.4	3.5	8.5	15.1	91.3	89.6	188	173.6
October	17.7	14.9	- 0.4	5.3	9.5	269.5	153.4	110	136.7
November	19.4	9.2	- 1.5	2.0	7.9	254.9	191.8	88	72.3
December	13.5	6.2	- 6.1	0.1	3.4	216.0	227.8	35	54.2
YEAR	22.5	14.3	0.5	4.7	10.5	1 776.4	1 513.0	1 782	1 818.7
Cranbrook									
January	3.5	- 3.9	-12.7	-14.4	- 4.2	43.6	54.0	24	78.7
February	10.1	1.6	-30.3	-10.1	- 3.1	29.3	37.5	75	102.5
March	15.0	5.9	- 7.8	- 6.6	3.5	6.4	27.9	195	165.2
April	24.6	12.3	- 6.0	- 1.3	6.2	8.4	27.8	225	217.0
May	24.3	18.2	- 1.6	2.7	11.6	90.0	43.0	197	255.8
June	28.0	22.1	1.0	6.8	12.1	121.1	45.5	232	284.4
July	32.1	26.8	5.6	8.9	16.3	93.5	27.5	273	330.0
August	35.7	25.8	2.5	8.2	19.8	8.8	34.6	340	278.0
September	33.4	19.6	- 1.8	3.5	13.2	18.9	28.8	227	216.1
October	18.0	12.2	- 8.5	- 1.1	5.8	16.1	25.0	152	169.7
November	19.5	2.8	-14.0	- 6.9	1.5	23.9	40.0	111	83.2
December	6.9	- 1.7	-23.5	-11.1	- 7.4	44.3	59.6	50	63.1
YEAR	20.9	11.8	- 8.1	- 1.8	6.3	462.3	451.2	2 101	2 243.7

Source: Atmospheric Advisory Service, Environment Canada

WEATHER DATA FOR SELECTED STATIONS: BRITISH COLUMBIA

1981 and Long-Term Averages (LTA)

Reporting Station	Monthly Maximum Temperature		Monthly Minimum Temperature		Monthly Mean Temperature	Total Precipitation		Hours of Bright Sunshine	
	1981	LTA	1981	LTA	1981	1981	LTA	1981	LTA
	Degrees Celsius					mm		hours	
Fort St. John									
January	9.5	-13.4	-15.1	-21.9	-4.0	9.3	35.6	N/A	73
February	6.4	- 6.8	-25.4	-15.9	-6.7	18.5	27.3	"	106
March	12.4	- 1.7	-16.5	-11.4	0.3	2.0	29.7	"	159
April	14.9	8.2	-14.5	- 2.4	1.1	50.0	21.5	"	214
May	24.5	15.7	- 1.0	3.7	11.9	38.3	38.9	"	280
June	20.8	19.2	4.2	7.7	12.3	43.2	68.0	"	274
July	31.8	21.3	6.4	9.9	17.1	12.9	77.1	"	300
August	33.6	20.1	2.5	8.7	17.7	72.2	60.3	"	270
September	28.9	14.8	- 2.8	4.2	11.0	17.9	39.2	"	174
October	18.6	8.7	-10.5	- 0.3	3.0	18.2	27.7	"	137
November	11.8	- 2.2	-19.2	- 9.8	-3.0	27.9	31.2	"	81
December	3.0	- 9.1	-38.4	-17.3	-15.5	25.5	36.1	"	60
YEAR	18.0	6.2	-10.9	- 3.7	3.8	336.0	492.6		2 128
Kamloops									
January	9.0	- 1.8	- 6.3	- 9.1	1.3	6.1	36.1	56	56
February	16.7	3.4	- 17.1	- 4.9	1.4	20.8	14.9	64	97
March	17.5	8.6	- 5.5	- 1.8	6.3	13.3	8.0	178	148
April	24.6	15.9	- 3.7	2.7	9.0	9.0	9.3	170	197
May	29.3	21.6	1.6	7.5	14.6	37.3	17.5	214	255
June	32.2	25.3	5.3	11.2	15.4	40.1	26.1	209	253
July	34.6	29.3	7.7	13.4	20.6	48.6	24.3	267	314
August	38.7	27.9	8.4	12.9	22.9	23.5	24.2	347	276
September	33.8	22.4	1.4	8.2	15.9	41.2	19.3	201	196
October	20.8	13.7	- 3.9	3.5	8.1	16.4	13.5	124	125
November	19.1	5.3	- 5.9	- 1.6	5.0	15.0	19.7	85	67
December	11.0	0.9	-19.2	- 5.5	-3.0	32.6	29.0	54	48
YEAR	23.9	14.4	3.2	3.0	9.8	303.9	241.9	1 969	2 032

Source: Atmospheric Advisory Service, Environment Canada

WEATHER DATA FOR SELECTED STATIONS: BRITISH COLUMBIA

1981 and Long-Term Averages (LTA)

Reporting Station	Monthly Maximum Temperature		Monthly Minimum Temperature		Monthly Mean Temperature	Total Precipitation		Hours of Bright Sunshine	
	1981	LTA	1981	LTA	1981	1981	LTA	1981	LTA
	Degrees Celsius					mm		hours	
Pentictor									
January	9.8	- 0.1	- 3.2	- 5.3	2.3	21.3	32.0	18	48.0
February	12.8	4.1	-15.6	- 3.0	2.0	51.9	19.8	64	75.2
March	16.6	9.1	- 5.0	- 1.4	5.4	36.6	17.3	165	140.2
April	26.4	15.4	- 3.4	1.8	8.1	9.9	21.4	174	211.2
May	26.3	20.6	1.8	6.1	13.4	73.3	29.1	176	246.1
June	31.0	24.6	2.5	9.8	14.7	44.7	27.6	203	262.6
July	33.8	28.6	4.1	12.0	19.3	22.8	21.1	266	311.3
August	35.4	28.6	7.1	11.6	22.0	29.6	36.5	319	270.7
September	33.1	21.8	- 0.2	7.6	14.7	24.1	17.7	216	211.2
October	17.9	14.5	- 3.8	3.0	8.3	42.9	15.3	118	157.1
November	16.0	6.3	- 4.8	- 0.4	5.1	20.4	23.9	66	59.8
December	8.7	2.1	-12.3	- 2.9	- .7	25.7	31.2	34	38.8
YEAR	22.3	14.5	- 2.7	3.2	9.6	403.2	282.9	1 819	2 032.2
Prince George									
January	12.8	- 7.5	-16.6	-16.6	- 2.9	15.0	57.4	65	58.8
February	10.5	- 1.0	-25.0	-11.2	- 3.3	28.5	39.2	55	87.0
March	13.5	3.6	-10.3	- 7.2	2.4	23.5	36.8	195	137.7
April	18.3	10.3	-10.5	- 1.7	4.0	32.4	27.4	157	202.7
May	23.8	16.1	- 2.5	2.5	11.2	63.6	47.3	252	251.9
June	22.4	19.5	- 0.2	6.2	11.0	89.7	66.9	254	360.1
July	29.9	22.0	2.4	8.1	16.2	37.9	59.7	321	293.2
August	33.4	20.8	- 0.1	7.2	17.2	10.8	68.2	329	252.5
September	30.3	15.9	- 1.0	3.5	11.6	41.8	58.7	172	160.4
October	15.5	9.6	- 8.2	- 0.1	5.0	44.4	59.2	118	109.7
November	17.4	0.9	-11.4	- 6.6	1.1	42.6	50.5	56	64.8
December	7.6	- 3.9	-32.9	-11.9	- 8.8	40.3	57.0	58	47.1
YEAR	19.6	8.9	- 9.7	- 2.3	5.4	470.5	628.3	2 032	1 925.9

Source: Atmospheric Advisory Service, Environment Canada

WEATHER DATA FOR SELECTED STATIONS: BRITISH COLUMBIA

1981 and Long-Term Averages (LTA)

Reporting Station	Monthly Maximum Temperature		Monthly Minimum Temperature		Monthly Mean Temperature	Total Precipitation		Hours of Bright Sunshine	
	1981	LTA	1981	LTA	1981	1981	LTA	1981	LTA
	Degrees Celsius					mm		hours	
Vancouver Int'l Airport									
January.....	13.3	5.2	- 0.8	- 0.2	5.5	71.7	153.8	45	55
February.....	13.6	7.8	- 7.6	1.4	5.2	156.4	114.7	90	93
March.....	16.8	9.4	- 0.2	2.1	7.8	126.1	101.0	180	129
April.....	19.3	12.8	0.0	4.7	8.7	143.3	59.6	166	180
May.....	21.1	16.5	4.3	7.9	12.5	82.0	51.6	171	253
June.....	22.3	19.2	6.3	10.9	13.9	135.8	45.2	154	243
July.....	24.2	21.9	9.5	12.6	17.1	39.0	32.0	249	305
August.....	29.3	21.5	10.3	12.6	18.8	36.2	41.1	324	255
September.....	27.3	18.3	5.5	10.1	14.9	84.1	67.1	180	188
October.....	15.7	13.6	1.3	6.4	9.4	200.2	114.0	125	116
November.....	17.1	9.0	- 1.0	2.8	7.6	196.4	150.1	85	70
December.....	11.4	6.5	- 3.6	1.2	3.9	188.0	182.4	58	44
YEAR.....	19.3	13.5	0.4	6.0	10.4	1 459.0	1 113.0	1 827	1 931
Victoria Int'l Airport									
January.....	14.2	6.0	- 0.8	0.1	5.8	47.3	154.3	85	61
February.....	13.4	8.2	- 5.5	1.3	5.3	154.9	99.2	66	90
March.....	15.3	9.6	- 1.2	1.7	7.6	51.8	71.7	186	136
April.....	18.4	12.9	- 1.3	3.9	8.4	67.3	39.3	175	176
May.....	21.6	16.5	2.2	6.7	11.4	42.8	28.5	205	252
June.....	21.8	19.2	5.0	9.4	13.1	68.1	29.0	182	249
July.....	26.9	21.7	6.0	10.8	15.7	9.3	18.1	294	312
August.....	32.9	21.4	8.4	10.7	17.3	6.9	26.7	335	265
September.....	28.9	19.0	3.5	8.7	13.8	70.7	39.6	211	200
October.....	16.3	14.1	0.9	5.6	9.0	125.7	78.4	127	120
November.....	17.4	9.4	- 1.7	2.5	7.2	151.6	130.8	87	72
December.....	11.4	7.1	- 3.2	1.3	3.7	193.5	157.3	48	52
YEAR.....	19.9	13.8	1.0	5.2	9.8	990.0	873.0	2 001	1 985

Source: Atmospheric Advisory Service, Environment Canada

WEATHER DATA FOR SELECTED STATIONS: BRITISH COLUMBIA

1981 and Long-Term Averages (LTA)

Reporting Station	Monthly Maximum Temperature		Monthly Minimum Temperature		Monthly Mean Temperature	Total Precipitation		Hours of Bright Sunshine	
	1981	LTA	1981	LTA	1981	1981	LTA	1981	LTA
	Degrees Celsius					mm		hours	
Williams Lake									
January	11.7	- 5.9	-15.9	-14.8	- 4.2	11.6	43.9	79	60
February	10.2	0.9	-27.9	- 9.2	- 3.2	13.0	24.0	80	114
March	13.0	4.5	-10.9	- 6.4	2.8	6.3	22.5	196	165
April	21.1	10.3	- 8.4	- 1.4	4.1	20.8	21.5	156	206
May	22.7	15.3	- 1.7	2.6	10.2	56.7	31.6	225	264
June	22.9	19.4	.4	6.6	10.1	74.8	45.1	255	303
July	26.6	22.1	4.7	8.7	15.4	41.3	48.3	276	309
August	33.3	21.7	2.8	8.2	16.6	18.5	42.6	324	278
September	32.0	16.6	- 3.7	4.0	11.8	53.3	30.2	181	190
October	16.2	10.2	- 8.2	0.0	5.0	21.8	30.3	117	129
November	13.2	1.3	-10.2	- 6.4	1.2	24.7	31.5	79	76
December	6.2	- 3.7	-29.1	-11.6	- 7.0	31.3	41.3	50	48
YEAR	19.1	9.4	- 9.1	- 1.8	5.2	374.1	412.8	2 036	2 142

Source: Atmospheric Advisory Service, Environment Canada

RESOURCES IN AGRICULTURE

THE LAND

Out of a total land area in British Columbia of 221 million acres, only 9 million acres or 4.0 per cent is deemed suitable for tillage and crop production. The area in farms in 1981 amounted to 5.4 million acres of which 2 million were cultivated.

Two things are evident from these figures:

1. British Columbia has a very small portion of its total land area available for agricultural use; she must exercise great care in developing the agricultural land resource. The province must also take steps to protect arable land from residential, commercial or industrial encroachment. The Land Commission Act of 1973 was passed to accomplish this. On April 1, 1981, there were 11,614,110 acres in the Agricultural Land Reserve.

2. A considerable amount of land in British Columbia is still available for cultivation and crop production. In fact, over 30,000 acres per year are cleared, broken and added to the improved land base. The provincial government provides financial assistance to farmers for the clearing and breaking of land under the Agricultural Land Development Act. As a result of these policies, British Columbia is one of the few provinces in Canada which has managed to increase farmland area in the 1970's and into the 1980's.

The 1981 Census of Agriculture Land Use data for British Columbia, provides other insights into the status of agricultural land in the province. The Peace River and Thompson regions continue to have the greatest area of land in farms in British Columbia, accounting for over 50% of the province's 5.4 million acres of farmland. The proportion of farm land which has been placed under crop is far less for the Thompson region. Only 9.4 per cent was under crops in 1981, compared with 36.1 per cent for the Peace River region. The Lower Mainland has the highest percentage of improved farmland (80.4 per cent) with the Island region second (55.0 per cent) and the other regions falling below 45 per cent.

The potential to which farmland in different areas of the province can be utilized is a function of a variety of physical and economic factors. Of the former type, land capability for agriculture is an important consideration. In 1976 a study prepared for the B.C.M.A.F. produced estimates of the area of land in British Columbia which was potentially arable on the basis of soil types, landforms and climatic surveys. Areas in each region of the province were assigned to a capability class with acreage showing potential for improvement presented.

A number of points should be kept in mind when examining the arable land statistics derived from the study. Firstly, except for unmapped areas, national parks, and areas having no potential for agriculture, the land in British Columbia has been classified regardless of present usage. Thus, areas presently of a residential or industrial character may still appear in the arable acreage statistics. Secondly, the acreage shown to be potentially arable assumes increased use of irrigation water and/or drainage improvements.

The total area of arable land in British Columbia suitable for crops other than forage production was estimated at 8.9 million acres in 1981, 4.0% of the province's total land area. The 1981 Census of Agriculture reported 2.3 million acres of cultivated farm land in the province. Land held in the Agricultural Land Reserve as of April 1, 1981 totalled 11.6 million acres, 5.3% of British Columbia's total area.

The Central Fraser Valley district has the highest proportion of its total area in the Agricultural Land Reserve (75.6%) while none of the other districts exceeds 15%. Similarly this district has the highest percentage of its area classified as arable with 67.6% being so designated in 1981. The Nanaimo (22.3%) Capital (18.1%) and Greater Vancouver (15.7%) districts also show relatively high proportions of arable land.

To give some indication as to the extent of land administered under grazing fee, lease or permit, the following table is provided to illustrate the number of acres commited for use in each of the six range districts:

Range District	1981 Total Useable Crown Range - acres -	1981 Total Crown Range Under Use Commitment - acres -
Cariboo	11 787 658	10 608 892
Kamloops	3 299 160	3 299 160
Nelson	2 075 640	2 075 640
Prince George	8 980 961	4 176 346
Prince Rupert	1 070 929	2 714 860
Vancouver	4 107	3 440
Total	**27 218 455**	**22 878 338**

Source: Range Management Branch
B.C. Ministry of Forests

THE PEOPLE

The Census of Agriculture reported 20,012 agricultural holdings in British Columbia in 1981, compared to 19,432 in 1976. An agricultural holding is defined by the Census as a property containing one acre or more and having sales of agricultural products in the year prior to the Census of $250 or more. Obviously this is an extremely broad definition, but it permits considerable scope in discussion of farming in British Columbia.

The 1981 Census of Agriculture also counted 13,597 census farms with sales of $2,500 or more, compared with 10,010 in 1976. This was an increase of 35.8 per cent over the past five years.

The Peace River region has the highest proportion of farmers with sales of $2,500 and over (77.0%) relative to the total number of agricultural holdings, and the Island, the lowest (57%). This would indicate that there are a majority of marginal farmers on the Island while the Peace River has a high proportion of full time farmers.

The 1981 Census revealed the average age of farm operators to be 48 years, compared with the 47.7 years in 1976.

British Columbia farms employ a considerable number of full and part time workers. According to the 1981 Census of Agriculture, 7,904 farms reported hiring agricultural labour either on a full time or part time basis. A total of 484,165 weeks of full and part time labour occurred in the twelve months preceding the Census.

INVESTMENT

British Columbia farmers had $8.5 billion invested in land, buildings, machinery, equipment, livestock and poultry at the time of the 1981 Census. This more than doubled the $3.5 billion investment record in 1976. More than one third of the investment is centred in the Lower Mainland region (3.3. billion), with the Okanagan also accounting for a significant amount (1.9 billion). Land and buildings made up about 85% of the total farm capital for the province with machinery and equipment (81.%) and livestock and poultry (6.9%) completing the total.

A total of 23,087 farm trucks and 28, 751 tractors were on farms in 1981.

BASIC STATISTICS ON BRITISH COLUMBIA AGRICULTURE

1951 to 1981

	1951	1961	1971	1981
Total population.....	1 165 210	1 629 082	2 184 621	2 744 467
Farm population.....	120 292	84 655	79 353	68 214
Total land area (acres).....	220 682 880	220 682 880	220 682 880	220 682 880
Arable land area "	9 000 000	9 000 000	9 000 000	9 000 000
Occupied farmland "	4 702 274	4 506 552	5 823 231	5 383 428
Improved land: "	1 147 776	1 303 263	1 755 247	2 338 432
Under crops "	672 448	788 896	1 092 593	1 404 155
Pasture "	343 195	354 830	397 864	659 440
Summerfallow "	70 318	81 785	172 816	156 961
Other improved land"	61 815	77 752	91 974	117 847
Unimproved land: "	3 554 498	3 203 289	4 067 984	3 045 287
Woodland "	1 156 549	752 990	844 257	N/A
Other "	2 397 949	2 450 299	3 223 727	N/A
Number of farms.....	26 406	19 934	18 400	20 012
Total capital value $.....	408 265 668	557 166 300	1 606 924 400	8 526 380 343
Area of wheat (acres).....	101 318	87 299	109 312	106 101
" " oats "	103 122	88 588	89 563	68 400
" " barley "	32 120	63 379	195 701	231 436
" " rapeseed "	—	541	19 591	32 713
" " tame hay "	311 243	403 026	512 909	717 170
" " vegetables "	11 931	12 310	17 915	19 440
" " tree fruits "	40 244	37 193	32 863	28 457
" " small fruits"	6 715	5 651	9 842	13 789
" " nurseries "	1 039	691	1 550	3 075
" " greenhouses(sq. ft.)	3 535 697	4 624 651	5 128 200	10 847 187
Number of cattle.....	321 258	461 776	573 171	789 841
" " milk cows.....	82 924	91 889	80 485	89 279
" " beef cows.....	—	124 773	184 304	233 911
" " pigs.....	49 441	41 628	78 621	254 895
" " sheep.....	67 474	102 816	53 112	66 988
" " goats.....	—	3 027	2 068	8 795
" " horses.....	36 054	23 907	32 461	39 356
Number of hens & chickens...	3 452 389	5 609 602	7 861 488	9 975 871
" " turkeys.....	243 401	527 650	805 158	711 623
" " ducks(slaughtered)	30 373	26 863	19 290	28 211
" " geese(slaughtered)	13 657	9 637	9 017	1 152

Source: Censuses of Agriculture for British Columbia.

NUMBER & AREA OF FARMS BY ECONOMIC CLASS 1981

DISTRICTS AND REGIONS	Total B.C. Population	Product Sales $250 & over No. Farms	Product Sales $2,500 & over No. Farms	Product Sales $10,000 & over No. Farms	Product Sales $25,000 & over No. Farms
East Kootenay.....	53 723	402	283	167	87
Central Kootenay.....	52 045	620	360	180	106
Kootenay.....	**105 768**	**1 022**	**643**	**347**	**193**
Kootenay Boundary....	33 232	371	212	116	65
Okanagan-Similkameen.	57 185	1 734	1 346	938	554
Central Okanagan.....	85 237	1 185	859	543	338
North Okanagan.....	54 352	1 338	798	402	245
Columbia-Shuswap.....	40 131	676	405	184	105
Okanagan.....	**270 137**	**5 304**	**3 620**	**2 183**	**1 307**
Thompson-Nicola.....	101 983	845	653	417	271
Squamish-Lillooet....	18 928	103	65	32	24
Thompson.....	**111 911**	**948**	**718**	**449**	**295**
Central Fraser Valley	115 012	2 814	2 002	1 243	956
Dewdney-Alouette.....	62 004	682	393	242	186
Fraser-Cheam.....	56 934	1 109	810	545	452
Greater Vancouver....	1 169 831	1 407	989	644	475
Sunshine Coast.....	15 503	56	21	11	3
Powell River.....	19 364	66	41	6	3
Mainland.....	**1 438 648**	**6 134**	**4 256**	**2 691**	**2 075**
Capital.....	249 473	741	414	171	95
Cowichan Valley.....	52 701	535	319	138	95
Nanaimo.....	77 101	337	192	61	32
Alberni-Clayoquot....	32 568	73	44	21	19
Comox-Strathcona.....	68 621	392	222	89	56
Mt. Waddington.....	14 671	-	-	-	-
Island.....	**494 741**	**2 078**	**1 191**	**480**	**297**
Cariboo.....	59 252	996	717	414	246
Central Coast.....	3 047	22	10	1	-
Cariboo.....	**62 299**	**1 018**	**727**	**415**	**246**
Fraser-Ft. George....	89 431	640	368	161	79
Bulkley-Nechako.....	38 309	839	559	314	170
Stikine.....	1 953	-	-	-	-
Kitimat-Stikine.....	42 400	144	71	28	9
Skeena.....	24 023	14	3	3	-
Omineca.....	**196 116**	**1 637**	**1 001**	**506**	**258**
Peace River-Liard....	55 463	1 871	1 441	979	577
Peace.....	**55 463**	**1 871**	**1 441**	**979**	**577**
PROVINCE.....	**2 744 467**	**20 012**	**13 597**	**8 050**	**5 248**

Source: Census of Agriculture for B.C., figures as of June 3, 1981.

LAND USE, BRITISH COLUMBIA

1981

DISTRICTS & REGIONS	Total Land Area	Area in Farms	Improved Farmland	Unimproved Farmland	Area in Crops
	acres				
East Kootenay	7 004 160	155 889	49 019	106 870	26 954
Central Kootenay	5 742 080	62 973	40 641	22 332	30 348
Kootenay	**12 746 240**	**218 862**	**89 660**	**129 202**	**56 302**
Kootenay Boundary	1 953 920	94 712	36 539	58 173	20 793
Okanagan-Similkameen	2 631 680	185 141	64 020	121 121	34 194
Central Okanagan	736 000	59 733	28 757	30 976	20 620
North Okanagan	1 934 720	155 186	85 421	69 765	52 697
Columbia-Shuswap	7 457 920	81 229	42 151	39 078	23 301
Okanagan	**14 714 240**	**576 002**	**256 888**	**319 113**	**151 605**
Thompson-Nicola	11 088 000	951 267	240 872	710 395	86 708
Squamish-Lillooet	4 085 760	35 331	11 384	23 947	5 927
Thompson	**15 173 760**	**986 598**	**252 256**	**734 342**	**92 635**
Central Fraser Valley	173 440	94 616	79 289	15 327	50 153
Dewdney-Alouette	779 520	31 683	21 568	10 115	13 920
Fraser-Cheam	2 669 440	59 858	49 114	10 744	34 643
Greater Vancouver	533 120	59 073	48 945	10 128	35 573
Sunshine Coast	958 720	1 307	760	547	435
Powell River	1 260 160	2 858	718	2 140	245
Mainland	**6 374 400**	**249 395**	**200 394**	**49 001**	**134 969**
Capital	572 800	37 467	17 209	20 258	9 880
Cowichan Valley	835 200	27 646	17 933	9 713	10 997
Nanaimo	504 320	17 052	10 155	6 897	5 720
Alberni-Clayoquot	1 912 320	5 584	2 936	2 648	1 813
Comox-Strathcona & Mount Waddington	10 253 440	28 835	15 413	13 422	10 191
Island	**14 078 080**	**116 584**	**63 646**	**52 938**	**38 601**
Cariboo	17 091 840	743 595	223 967	519 628	112 784
Central Coast	6 208 000	2 027	773	1 254	577
Cariboo	**23 299 840**	**745 622**	**224 740**	**520 882**	**113 361**
Fraser-Fort George	12 650 880	201 787	93 092	108 695	48 819
Bulkley-Nechako	17 816 320	469 683	207 371	262 312	116 396
Stikine	27 960 280	-	-	-	-
Kitimat-Stikine	23 671 680	35 652	17 868	17 784	7 525
Skeena	3 988 480	1 835	362	1 473	131
Omineca	**86 096 640**	**708 957**	**318 693**	**390 264**	**172 871**
Peace River-Liard	48 199 680	1 781 700	932 155	849 545	643 811
Peace	**48 199 680**	**1 781 700**	**932 155**	**849 545**	**643 811**
PROVINCE	**220 682 880**	**5 383 719**	**2 338 432**	**3 045 287**	**1 404 155**

Source: Census of Agriculture for British Columbia, figures as of June 3, 1981.

LAND CAPABILITY RATINGS, BRITISH COLUMBIA

1981

Districts & Regions	Canada Land Inventory Classifications 1	2	3	4	5
	acres				
East Kootenay	-	1 971	21 308	169 977	546 228
Central Kootenay	12 421	32 061	31 817	89 774	291 800
Kootenay	**12 421**	**34 032**	**53 125**	**259 751**	**838 028**
Kootenay Boundary	497	2 109	7 332	51 011	242 068
Okanagan-Similkameen	261	3 851	3 495	28 483	346 001
Central Okanagan	-	654	43 750	26 910	200 144
North Okanagan	2 886	30 905	31 454	91 741	366 630
Columbia-Shuswap	107	14 406	19 667	79 628	178 559
Okanagan	**3 706**	**51 925**	**105 698**	**277 773**	**1 333 402**
Thompson-Nicola	5 968	10 873	74 993	183 675	1 954 739
Squamish-Lillooet	1 173	17 197	1 036	19 209	37 193
Thompson	**7 141**	**28 070**	**76 029**	**202 884**	**1 991 932**
Central Fraser Valley	-	15 584	49 867	51 767	29 263
Dewdney-Alouette	276	4 683	14 589	33 429	45 619
Fraser-Cheam	370	17 495	26 029	23 842	47 385
Greater Vancouver	3 603	12 137	16 160	51 981	45 644
Sunshine Coast	36	532	3 175	5 119	35 553
Powell River	-	1 102	7 864	600	41 414
Mainland	**4 375**	**51 533**	**117 684**	**166 828**	**244 878**
Capital	105	6 726	52 348	21 445	44 782
Cowichan Valley	2 313	28 919	6 095	24 222	66 377
Nanaimo	4 153	7 379	9 588	14 525	103 942
Alberni-Clayoquot	-	11 906	2 871	14 832	15 228
Comox-Strathcona	2 889	27 972	19 267	36 506	142 023
Mount Waddington	-	736	1 557	1 430	216
Island	**9 460**	**83 638**	**91 726**	**112 960**	**372 568**
Cariboo	5 408	7 713	136 323	803 969	4 469 201
Central Coast	50	2 350	507	284	10 839
Cariboo	**5 458**	**10 063**	**136 830**	**804 253**	**4 480 040**
Fraser-Fort George	-	11 579	110 977	600 860	939 626
Bulkley-Nechako	-	-	39 312	362 993	1 594 799
Stikine	-	-	-	8 733	21 159
Kitimat-Stikine	-	7 870	41 908	102 721	335 143
Skeena	-	4 137	34 725	65 123	174 931
Omineca	**-**	**23 586**	**226 922**	**1 140 430**	**3 065 658**
Peace River Valley	9 472	299 023	902 020	1 238 059	4 159 561
Peace	**9 472**	**299 023**	**902 020**	**1 238 059**	**4 159 561**
PROVINCE	**52 033**	**581 870**	**1 710 034**	**4 202 938**	**16 486 067**

Source: "Agricultural Land Capability in British Columbia," BCMAF, September, 1976

LAND CAPABILITY RATINGS (con't)

Districts & Regions	Canada Land Inventory Classification 6	7	Water Surfaces	Other	Total
	acres				
East Kootenay.....	1 369 186	4 409 571	43 652	335 998	6 957 891
Central Kootenay.....	587 425	4 402 688	236 908	847	5 685 721
Kootenay.....	**1 956 611**	**8 872 239**	**280 560**	**336 845**	**12 643 612**
Kootenay Boundary....	665 986	1 019 680	11 360	1 109	2 001 152
Okanagan-Similkameen.	908 335	1 330 817	39 276	17 058	2 677 532
Central Okanagan.....	214 060	170 771	55 653	1 744	713 686
North Okanagan.....	328 031	1 007 423	44 436	245	1 903 751
Columbia-Shuswap.....	343 914	3 748 526	161 138	2 849 264	7 395 209
Okanagan.....	**2 460 326**	**7 277 217**	**311 863**	**2 869 420**	**14 691 330**
Thompson-Nicola.....	3 156 534	3 480 809	196 924	2 120 593	11 185 108
Squamish-Lillooet....	300 421	257 928	48 131	3 433 195	4 115 483
Thompson.....	**3 456 955**	**3 738 737**	**245 055**	**5 553 788**	**15 300 591**
Central Fraser Valley	13 568	14 827	4 224	2 745	181 845
Dewdney-Alouette.....	9 272	232 512	43 751	384 316	768 447
Fraser-Cheam.....	105 760	963 700	61 327	1 399 993	2 645 901
Greater Vancouver....	8 878	215 765	272 155	189 523	815 936
Sunshine Coast.....	403	65 346	323 874	878 748	1 312 786
Powell River.....	539	63 909	473 958	1 105 683	1 695 159
Mainland.....	**138 420**	**1 556 059**	**1 179 289**	**3 961 008**	**7 420 074**
Capital.....	38 736	214 688	10 558	204 947	594 335
Cowichan Valley.....	1 758	123 578	110 556	607 749	791 567
Nanaimo.....	465	71 785	322 250	293 368	827 455
Alberni-Clayoquot....	-	9 399	43 665	1 671 285	1 769 186
Comox-Strathcona.....	189	36 049	639 483	4 790 725	5 685 103
Mount Waddington.....	358	115	818 850	5 148 258	5 971 523
Island.....	**41 506**	**445 614**	**1 945 362**	**12 716 332**	**15 819 169**
Cariboo.....	2 814 691	1 928 726	315 310	10 101 657	20 582 998
Central Coast.....	-	15 740	62 499	6 459 623	6 551 892
Cariboo.....	**2 814 691**	**1 944 466**	**377 809**	**16 561 280**	**27 134 890**
Fraser-Fort George...	176 671	3 664 813	172 513	7 216 961	12 894 000
Bulkley-Nechako.....	774 945	4 858 889	820 298	10 220 416	18 671 652
Stikine.....	9 381	23 972	10 836	32 314 280	32 388 361
Kitimat-Stikine.....	96 732	1 298 084	188 296	22 191 785	24 262 543
Skeena.....	523	312 381	60 667	3 271 872	3 924 359
Omineca.....	**1 058 252**	**10 158 139**	**1 252 610**	**75 215 314**	**92 140 915**
Peace River-Liard....	1 464 061	3 702 993	199 415	39 685 288	51 659 892
Peace.....	**1 464 061**	**3 702 993**	**199 415**	**39 685 288**	**51 659 892**
PROVINCE.....	**13 390 822**	**37 695 464**	**5 791 963**	**156 899 275**	**236 810 473**

Source: "Agricultural Land Capability in British Columbia," BCMA, September, 1976

Note: See following page for description of C.L.I. classifications.

BRITISH COLUMBIA

General Pattern of agricultural land reserves

For detail information ALR maps of the appropriate regional district should be consulted.

Maps drawn and produced by:
Map Production, Surveys and Mapping Branch, Ministry of Environment, Victoria, B.C.

AGRICULTURAL LAND, BRITISH COLUMBIA
1981

District & Region	1 Total Land Area	2 ALR Acreage April 1, '81	% ALR	3 Arable Area	% Arable	4 Cultivated Area
	——— acres ———			-acres-		-acres-
East Kootenay.....	7 004 160	668 879	9.5	357 763	5.1	49 019
Central Kootenay.....	5 742 080	166 384	2.9	198 904	3.4	40 641
Kootenay.....	**12 746 240**	**835 263**	**6.6**	**556 667**	**4.4**	**89 660**
Kootenay Boundary.....	1 952 920	135 329	6.9	95 817	4.9	36 539
Okanagan-Skimilkameen.	2 631 680	212 779	8.1	168 490	6.4	64 020
Central Okanagan.....	739 000	80 316	10.9	90 726	12.3	28 757
North Okanagan.....	1 934 720	172 323	8.9	180 373	9.3	85 421
Columbia-Shuswap.....	7 457 920	149 681	2.0	146 191	2.0	42 151
Okanagan.....	**14 714 240**	**750 428**	**5.1**	**681 597**	**4.6**	**256 888**
Thompson-Nicola.....	11 088 000	1 401 460	12.6	779 908	7.0	240 872
Squamish-Lillooet.....	4 085 760	66 301	1.6	60 812	1.5	11 384
Thompson.....	**15 178 760**	**1 467 860**	**9.7**	**840 720**	**5.5**	**252 256**
Central Fraser Valley..	173 440	131 065	75.6	117 218	67.6	79 289
Dewdney-Alouette.....	779 520	52 918	6.8	52 977	6.8	21 568
Fraser-Cheam.....	2 609 440	89 494	3.6	68 603	2.6	49 114
Greater Vancouver.....	533 120	79 128	14.8	83 971	15.7	48 945
Sunshine Coast.....	958 720	10 476	1.1	10 365	1.1	760
Powell River.....	1 260 160	26 743	2.1	34 816	2.8	718
Lower Mainland.....	**6 374 400**	**389 824**	**6.1**	**367 950**	**5.8**	**200 394**
Capital.....	572 800	45 767	8.0	103 729	18.1	17 209
Cowichan.....	835 200	52 093	6.2	87 581	10.5	17 933
Nanaimo.....	504 320	51 519	10.2	112 475	22.3	10 155
Alberni-Clayoquot.....	1 912 320	19 468	1.0	30 930	1.6	2 936
Comox-Strathcona						
Mount Waddington.....	10 253 440	106 630	1.0	163 674	1.6	15 413
Island.....	**14 078 080**	**275 527**	**2.0**	**498 389**	**3.5**	**63 646**
Cariboo.....	17 091 840	2 261 077	13.2	1 917 249	11.2	223 967
Central Coast.....	6 208 000	10 936	0.2	9 732	0.2	773
Cariboo.....	**23 299 840**	**2 272 013**	**9.8**	**1 926 981**	**8.3**	**224 740**
Fraser-Fort George.....	12 650 880	915 428	7.2	734 989	5.8	93 092
Bulkley-Nechako.....	17 816 320	734 607	4.1	402 305	2.3	207 371
Stikine.....	27 969 280	-	-	10 003	.04	-
Kitimat-Stikine.....	23 671 680	163 069	0.7	209 669	0.9	17 868
Skeena.....	3 988 480	108 032	2.7	103 985	2.6	362
Omineca-Skeena.....	**86 096 640**	**1 921 136**	**2.2**	**1 460 951**	**1.7**	**318 693**
Peace River-Liard.....	48 199 680	3 702 059	7.7	2 557 448	5.3	932 155
Peace.....	**48 199 680**	**3 702 059**	**7.7**	**2 557 448**	**5.3**	**932 155**
PROVINCE.....	**220 682 880**	**11 614 110**	**5.3**	**8 890 703**	**4.0**	**2 338 432**

Source: 1. Census of Agriculture for British Columbia, figures as of June 3, 1981.
2. British Columbia Agriculture Land Commission, April 1, 1981 (Agriculture Land Reserve)
3. Canada Land Inventory Classes 1 to 4 inclusive, "improved" as defined in Agricultural Land Capability in British Columbia, B.C.M.A.F. September 1976.
4. Census of Agriculture for B.C., "Improved Farmland", 1981.

CANADA LAND INVENTORY CLASSIFICATIONS

The Canada Land Inventory (C.L.I.) classes for agriculture are defined as follows:

CLASSES

1 - soils in this class have no significant limitations in use for crops;

2 - soils in this class have moderate limitations that restrict the range of crops or require moderate conservation practices;

3 - soils in this class have moderately severe limitations that restrict the range of crops or require conservation practices;

4 - soils in this class have severe limitations that restrict the range of crops or require special conservation practices or both;

5 - soils in this class have very severe limitations that restrict their capacity to produce perennial forage crops and improvement practices are not feasible;

6 - soils in this class are capable only of producing perennial forage crops and improvement practices are not feasible;

7 - soils in this class have no capability for arable culture or permanent pastures;

9 - organic soils (not placed in capability classes) but frequently found in the wooded regions of the province;

Other - Other includes unclassified urban areas, national parks, and unmapped portions of the district.

Note: Total land areas may not coincide with other published sources because of digitizing system used.

FOOD PROCESSING AND MARKETING

Food Processing

The estimated value of agricultural commodities marketed by British Columbia food and beverage manufacturing firms in 1981 came to $2.6 billion. There are over 500 of these firms in British Columbia.

FOOD & BEVERAGE INDUSTRIES, BRITISH COLUMBIA
1980

	Number of Establishments	Total Employees	Value of Shipments	Wages Salaries
			'000's	'000's
Slaughtering & Meat Processors.....	44	2 303	324 944	42 834
Poultry Processors.....	9	898	95 587	15 535
Fish Products Industry.....	59	3 950	329 496	77 166
Fruit & Vegetable Processors.....	33	1 972	199 637	30 393
Fruit & Vegetable Canners & Processors.	24	1 337	144 623	20 999
Frozen Fruit & Vegetable Processors....	9	635	55 014	9 394
Dairy Products Industry.....	27	2 390	329 875	32 126
Feed Mills.....	24	629	146 826	12 558
Bakeries.....	216	2 403	115 119	42 416
Confectionary Manufacturers.....	11	299	17 818	4 354
Distilleries.....	3	397	52 954	8 798
Breweries.....	6	1 348	122 688	31 892
Wineries.....	6	337	48 906	7 009
Miscellaneous Food Processors.....	38	1 515	256 348	27 836
TOTAL.....	509	30 413	2 239 835	383 560

Source: Statistics Canada, Census of Manufacturers

FOOD PROCESSING

	1978	1979	1980	Preliminary 1981
Number of food processing firm	481	529	509	525
Value of shipments (million $)	1 784	2 064	2 240	2 602
Total number of employees	19 671	19 465	20 413	N/A
Salaries and wages paid (million $)	314	344	384	449

Source: Statistics Canada

AVERAGE WEEKLY FAMILY FOOD EXPENDITURES, VANCOUVER
1978

Average Weekly Dollar Expenditures per Family:

Food expenditures at home:	
Food prepared at home	$ 45.71
Dairy products	7.39
Milk	3.83
Other dairy products	3.57
Eggs	.97
Bakery products	3.54
Cereal products	1.65
Meat & poultry	12.78
Beef	4.88
Pork	3.82
Other meats	1.83
Poultry	2.25
Fish	2.02
Fats & Oils	1.30
Beverages	2.87
Miscellaneous groceries	2.88
Canned & Dried Fruits	1.33
Canned & dried vegetables	.70
Fresh fruits	3.01
Fresh vegetables	2.80
Frozen foods	1.39
Prepared & partially prepared dishes	1.07
Board paid by family members	.21
Food expenditures away from home overnight or longer	.08
Food & beverages in eating places	20.08
1) Consumed locally or on a day trip	14.57
2) While away from home overnight or longer	5.51
3) Away at school or college	.07
4) On a job	.84
5) On vacation or other trips	4.60
Meals prepared on a trip (n.e.s.)	.74
Total food expenditure	$ 66.79
Home produced food	.19
Gifts of food	.26

Source: Statistics Canada, Catalogue 62-545

CONSUMERS PRICE INDEX

The "all items" Consumer Price Index for Vancouver one of the main cost of living indicators in British Columbia, rose by 14.3% in 1981 over the previous year's level. The food component of the index has risen consistently over the last two years, increasing 10.4% and 10.9% respectively. An increase of 17.7% occurred in the index of cereal and bakery products, which was the largest single increase recorded. The index for eggs continued to increase, rising by 13.8%.

The coffee and tea index showed a decline of 3% after an increase of 10.7% in 1980.

A comparison of the indexes for Food for Home Consumption and Food Away from Home, indicated that food for home consumption showed a more rapid increase in 1981. The price index for home consumption rose by 11.2%, compared with a climb of 10.2% in the Food Away from Home category.

CONSUMER PRICE INDEX: VANCOUVER

1979 to 1981/#r/

Item	INDEX 1979	1980	1981	% Change 1980 - 1981
Food	230.8	254.8	282.8	10.9
Food for Home Consumption	232.0	255.9	284.7	11.2
Dairy Products including Butter	232.4	262.7	297.6	13.3
Cereal and Bakery Products	224.1	258.8	304.6	17.7
Fats and Oils excluding Butter	213.7	230.6	244.2	5.9
Meat, Poultry and Fish	236.6	247.0	269.1	8.9
Eggs	194.6	219.9	250.4	13.8
Fruit and Vegetables (1974 = 100)	164.3	176.8	200.3	13.3
Prepared & Partially Prepared Main Dishes	156.4	175.5	192.5	9.7
Other Foods (1974 = 100)	166.1	190.8	222.8	16.8
Coffee and Tea (1974 = 100)	251.6	278.7	270.5	-3.0
Food Away From Home	226.8	251.0	276.7	10.2
ALL ITEMS	191.1	209.0	238.9	14.3

/#r/ Revised for 1974 expenditure patterns

Source: Statistics Canada, Catalogue 62-001

Note: See Revision of the Consumer Price Index - Cities, Statistics Canada, November, 1981.

METRIC CONVERSION

In the past few years many of the weights and measures used in British Columbia agriculture have been converted to the metric system. Weather data was converted in April, 1977 and livestock feeds changed over in February, 1977. The dairy industry has completed conversion and the livestock sector is scheduled to commence conversion in January, 1984. The following conversion factors should prove helpful.

1 acre = 0.40468 hectares

1 pound = 0.4536 kilograms

1 ounce = 28.35 grams

1 Imperial ton = 0.907185 tonnes

1 Imperial bushel = 0.036368 cubic metres

1 Imperial gallon = 4.546 litres

1 Imperial fluid ounce = 28.413 millilitres

1 foot = 0.3048 metres

1 inch = 2.54 centimetres

/#o/ F (Fahrenheit) = 9/5 x /#o/ C + 32

The metric system is a mathematically simple method of measurement. There are no magic numbers to remember. A quart may be 40 ounces, unless you live in the U.S. where it is 32 ounces, except the ounces differ slightly in size, while a litre is 1000 millitres wherever you are.

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